

Census Bureau, Commerce

§ 101.1

A.C.E. Policy report and his or her recommendation on methodology, if any, to the Secretary of Commerce.

(2) The recommendation of the Director of the Census, together with report of the Executive Steering Committee for A.C.E. Policy described in paragraph (b)(1) of this section, shall be released to the public at the same time it is delivered to the Secretary. This release to the public shall include, but is not limited to, posting of the report on the Bureau of the Census website and publication of the report in the FEDERAL REGISTER.

(3) The Executive Steering Committee for A.C.E. Policy is composed of the following employees of the Bureau of the Census:

(i) Deputy Director and Chief Operating Officer;

(ii) Principal Associate Director and Chief Financial Officer;

(iii) Principal Associate Director for Programs;

(iv) Associate Director for Decennial Census (Chair);

(v) Assistant Director for Decennial Census;

(vi) Associate Director for Demographic Programs;

(vii) Associate Director for Methodology and Standards;

(viii) Chief, Planning, Research, and Evaluation Division;

(ix) Chief, Decennial Management Division;

(x) Chief, Decennial Statistical Studies Division;

(xi) Chief, Population Division; and

(xii) Senior Mathematical Statistician.

[66 FR 11232, Feb. 23, 2001]

PARTS 102–199 [RESERVED]

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SUBCHAPTER A—MEASUREMENT SERVICES

PART 200—POLICIES, SERVICES, PROCEDURES, AND FEES

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AUTHORITY: Sec. 9, 31 Stat. 1450, as amended; 15 U.S.C. 277. Interprets or applies sec. 7, 31 Stat. 1450; 15 U.S.C. 275a.

SOURCE: 45 FR 55166, Aug. 19, 1980, unless otherwise noted.

§ 200.100 Statutory functions.

(a) The National Institute of Standards & Technology (NIST) has been assigned the following functions (15 U.S.C. 271 *et seq.*):

(1) The custody, maintenance, and development of the national standards of measurement, and the provision of means and methods for making measurements consistent with those standards, including the comparison of standards used in scientific investigations, engineering, manufacturing, commerce, and educational institutions with the standards adopted or recognized by the Government.

(2) The determination of physical constants and properties of materials when such data are of great importance to scientific or manufacturing interests and are not to be obtained with sufficient accuracy elsewhere.

(3) The development of methods for testing materials, mechanisms, and structures, and the testing of materials, supplies, and equipment, including items purchased for use of Government departments and independent establishments.

(4) Cooperation with other governmental agencies and with private organizations in the establishment of standard practices, incorporated in codes and specifications.

(5) Advisory service to Government agencies on scientific and technical problems.

(6) Invention and development of devices to serve special needs of the Government.

(b) The calibration and testing activities of NIST stem from the functions in paragraphs (a) (1) and (3) of this section. NIST provides the central basis within the United States for a complete and consistent system of measurement; coordinates that system, and the measurement systems of other nations; and furnishes essential services leading to accurate and uniform physical measurements throughout this Nation's scientific community, industry, and commerce.

(c) The provision of standard reference materials for sale to the public is assigned to the Office of Standard Reference Materials of the National Measurement Laboratory, NIST. That Office evaluates the requirements of science and industry for carefully characterized reference materials, stimulates efforts of NIST to develop methods for production of needed reference materials and directs their production and distribution. For further information on standard reference materials see Subchapter B, Chapter II, Part 230, of this title.

§ 200.101 Measurement research.

(a) The NIST staff continually reviews the advances in science and the trends in technology, examines the measurement potentialities of newly discovered physical phenomena, and uses these to devise and improve standards, measuring devices, and measurement techniques. As new requirements appear, there are continual shifts of program emphasis to meet the most urgent needs for the measurement of additional quantities, extended ranges, or improved accuracies.

(b) The basic research and development activities of NIST are primarily

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funded by direct appropriations, and are aimed at meeting broad general needs. NIST may also undertake investigations or developments to meet some specialized physical measurement problem of another Government agency, industrial group, or manufacturing firm, using funds supplied by the requesting organization.

§ 200.102 Types of calibration and test services.

(a) NIST has developed instrumentation and techniques for realizing standards for the seven base units of the International System of Units, as agreed upon by the General Conference of Weights and Measures. Reference standards have been established not only for these seven base units, but also for many derived quantities and their multiples and submultiples. Such reference standards, or equivalent working standards, are used to calibrate laboratory and plant standards for other organizations. Accuracy is maintained by stability checks, by comparison with the standards of other national and international laboratories, and by the exploration of alternative techniques as a means of reducing possible systematic error.

(b) Calibrations for many types of instruments and ranges of physical quantities are described in the NIST Special Publication 250 (SP 250). (See § 200.115 for details relating to the description of service items and listing of fees.)

(c) In recent years NIST has offered to the public new measurement services called measurement assurance programs. These programs are designed for laboratories whose measurement process involves the calibration of other standards. A measurement assurance program is a measurement quality control process. By use of carefully designed redundant measurements and measurements made on NIST transport standards a total uncertainty of the laboratories measurement process can be determined by NIST. The results of these tests are then reported to the customer as uncertainties of the customer's measurements relative to national standards.

(d) Special measurements not listed in SP 250 may be made upon request. These might involve unusual physical

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quantities, upper or lower extremes of range, higher levels of accuracy, fast response speeds, short durations, broader ranges of associated parameters, or special environmental conditions. Such inquiries should describe clearly the measurement desired. Indication of the scientific or economic basis for the requirements to be satisfied will be helpful in determining future NIST programs. Fees for work accepted will be based upon actual costs incurred.

(e) The principal emphasis of NIST is on those calibrations and other tests requiring such accuracy as can be obtained only by direct comparison with its standards.

(f) Other services which may be obtained include:

(1) Tests of measuring instruments to determine compliance with specifications or claims, when the evaluation is critical in national scientific or technical operations, and when suitable facilities are not available elsewhere; and

(2) Referee tests in important cases when clients are unable to agree upon the method of measurement, the results of tests, or the interpretation of these results, but have agreed in advance in writing to accept and abide by the findings of NIST.

(g) NIST reserves the right to decline any request for services if the work would interfere with other activities deemed by the Director to be of greater importance. In general, measurement services are not provided when available from commercial laboratories.

(h) Suggestions will be offered on measurement techniques and on other sources of assistance on calibration or measurement problems when the equipment and personnel of NIST are unable to undertake the work. The National Conference of Standards Laboratories issues a Directory of Standards Laboratories in the United States which perform calibration work (obtainable from NCSL Secretariat, c/o National Institute of Standards & Technology, Boulder, CO 80303). Those laboratories which perform testing are listed in the ASTM Directory of Testing Laboratories, Commercial and Institutional. (Directory available from the

American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.) Similar listings appear in buyer's guides for commercial products and in technical journals concerned with physical measurement.

§ 200.103 Consulting and advisory services.

(a) In areas of its special competence, NIST offers consulting and advisory services on various problems related to measurement, e.g., details of design and construction, operational aspects, unusual or extreme conditions, methods of statistical control of the measurement process, automated acquisition of laboratory data, and data reduction and analysis by computer. Brief consultation may be obtained at no charge; the fee for extended effort will be based upon actual costs incurred. The services outlined in this paragraph do not include services in connection with legal proceedings not involving the United States as a named party, nor to testimony or the production of data, information, or records in such legal proceedings which is governed by the policies and procedures set forth in Subchapter H, Chapter II, Part 275, of this title.

(b) To enhance the competence of standards laboratory personnel, NIST conducts at irregular intervals several group seminars on the precision measurement of specific types of physical quantities, offering the opportunity of laboratory observation and informal discussion. A brochure describing the current series of seminars can be obtained by writing the Office of Measurement Services, National Institute of Standards & Technology, Washington, DC 20234.

§ 200.104 Standard reference materials.

Often the performance of a device or structure can be evaluated at the user's laboratory by comparing its response to unknown materials with its response to a stable, homogeneous reference specimen which has been well-characterized with regard to the physical or chemical property being measured. For information regarding carefully characterized materials see Subchapter B, Chapter II, Part 230, of this

title. The Office of Standard Reference Materials in the NIST National Measurement Laboratory administers a program to provide many types of well-characterized materials that are needed to calibrate a measurement system or to produce scientific data that can be readily referred to a common base. NIST SP 260 is a catalog of Standard Reference Materials available from NIST.

§ 200.105 Standard reference data.

Data on the physical and chemical properties of the large variety of substances used in science and technology need to be compiled and evaluated for application in research, development, engineering design, and commerce. The Office of Standard Reference Data (OSRD) in the NIST National Measurement Laboratory provides coordination of and access to a number of governmental and nongovernmental data centers throughout this country and the world which are responsive to user needs for data. The OSRD's present program is assembled under a series of tasks which include data for application in energy, environment and health, industrial process design, materials durability, and resource recovery. The subject data are disseminated as hard-copy information in the Journal of Physical and Chemical Reference Data, published jointly with the American Chemical Society and the American Institute of Physics, in the National Standard Reference Data System reports as the NSRDS-NIST series, and as NIST special reports. Magnetic tapes of data on selected topics are also issued through the OSRD and the National Technical Information Service. A newsletter, "Reference Data Report," is issued bimonthly describing current activities. Information concerning the above is available upon request from the OSRD.

§ 200.106 Publications.

Publications provide the primary means of communicating the results of the NIST programs and services to its varied technical audiences, as well as to the general public. NIST issues some fifteen categories of publications including three periodicals, ten non-periodicals series, interagency reports, and

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papers in the journals and books of professional organizations, technological associations, and commercial publications. The calibration services, standard reference materials and related measurement services along with changes and fees are published in two Special Publications (SP's) and their supplements. These are SP 250 "Calibration and Related Measurement Services of the National Institute of Standards & Technology"¹ and SP 260 "NIST Standard Reference Materials Catalog."¹ A complete catalog of all publications by NIST authors is issued annually as a supplement to SP 305 "Publications of the National Institute of Standards & Technology." Announcements and listings of recent NIST publications and services are published in each issue of the bimonthly "NIST Journal of Research"² and the NIST monthly magazine, "Dimensions/NIST"². Complete citations to NIST publications, along with information on availability are published bimonthly in the "NIST Publications Newsletter", available free from the Technical Information and Publications Division, National Institute of Standards & Technology, Washington, DC 20234. NIST publications are also announced (with abstracts) in "Government Reports Announcements and Index" published every two weeks by the National Technical Information Service (NTIS), Springfield, Virginia 22161³. NTIS also sells microfiche copies of all NIST GPO-published documents, as well as paper copy and microfiche versions of NIST Interagency Reports.

¹Single copies available free from the National Institute of Standards & Technology, Washington, DC 20234.

²For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, for a subscription price. The annual subscription price for the NIST Journal of Research on the date of the publication of these regulations is \$13.00 and for Dimensions/NIST it is \$11.00. Prices, however, for these publications are subject to change without notice.

³The annual subscription rate at the date of the publication of these regulations for this service is \$275.00, North American Continent, \$375.00 all others.

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§ 200.107 WWV-WWVH-WWVB broadcasts.

(a) *Technical services.* The NIST radio stations WWV at Fort Collins, Colorado, and WWVH on the island of Kauai, Hawaii, broadcast a number of technical services continuously night and day. These services are:

(1) Standard radio frequencies, 2.5, 5, 10, 15, and 20, MHz (WWV) and 2.5, 5, 10, and 15 MHz (WWVH); (2) standard time signals; (3) time intervals; (4) UTI corrections; (5) standard audio frequencies; (6) standard musical pitch; (7) a slow time code; (8) Omega Navigation System status reports; (9) geophysical alerts; and (10) marine storm warnings. NIST also broadcasts time and frequency signals from its low frequency station, WWVB, also located at Fort Collins, Colorado.

(2) [Reserved]

(b) *Time announcements.* Once per minute voice announcements are made from WWV and WWVH. The two stations are distinguished by a female voice from WWVH and a male voice from WWV. The WWVH announcement occurs first, at 15 seconds before the minute, while the WWV announcement occurs at 7½ seconds before the minute. Coordinated Universal Time (UTC) is used in these announcements.

(c) *Time corrections.* The UTC time scale operates on atomic frequency, but by means of step adjustments is made to approximate the astronomical UTI scale. It may disagree from UTI by as much as 0.9 second before step adjustments of exactly 1 second are made. These adjustments, or leap seconds are required about once per year and will usually be made on December 31 or June 30. For those who need astronomical time more accurately than 0.9 second, a correction to UTC is encoded by the use of double ticks after the start of each minute. The first through the eighth seconds ticks will indicate a "plus" correction, and from the ninth through the 16th a "minus" correction. The correction is determined by counting the number of double ticks. For example, if the first, second, and third ticks are doubled, the correction is "plus" 0.3 second. If the ninth, 10th, 11th, and 12th ticks are doubled, the correction is "minus" 0.4 second.

(d) *Standard time intervals.* An audio pulse (5 cycles of 1000 Hz on WWV and 6 cycles of 1200 Hz on WWVH), resembling the ticking of a clock, occurs each second of the minute except on the 29th and 59th seconds. Each of these 5-millisecond second pulses occur within a 40-millisecond period, wherein all other modulation (voice or tone) is removed from the carrier. These pulses begin 10 milliseconds after the modulation interruption. A long pulse (0.8 second) marks the beginning of each minute.

(e) *Standard frequencies.* All carrier and audio frequencies occur at their nominal values according to the International System of Units (SI). For periods of 45-second duration, either 500-Hz or 600-Hz audio tones are broadcast in alternate minutes during most of each hour. A 440-Hz tone, the musical pitch A above middle C, is broadcast once per hour near the beginning of the hour.

(f) *Accuracy and stability.* The time and frequency broadcasts are controlled by the NIST atomic frequency standards, which realize the internationally defined cesium resonance frequency with an accuracy of 1 part in 10^{13} . The frequencies transmitted by WWV and WWVH are held stable to better than ± 2 parts in 10^{11} at all times. Deviations at WWV are normally less than 1 part in 10^{12} from day to day. Incremental frequency adjustments not exceeding 1 part in 10^{12} are made at WWV and WWVH as necessary. Changes in the propagation medium (causing Doppler effect, diurnal shifts, etc.) result in fluctuations in the carrier frequencies as received which may be very much greater than the uncertainties described above.

(g) *Slow time code.* A modified IRIG H time code occurs continuously on a 100-Hz subcarrier. The format is 1 pulse per second with a 1-minute time frame. It gives day of the year, hours, and minutes in binary coded decimal form.

(h) *Omega announcements.* Omega Navigation System status reports are broadcast in voice from WWV at 16 minutes after the hour and from WWVH at 47 minutes after the hour. The international Omega Navigation System is a very low frequency (VLF) radio navigation aid operating in the 10 to 14 kHz frequency band. Eight sta-

tions are in operation around the world. Omega, like other radio navigation systems, is subject to signal degradation caused by ionospheric disturbances at high latitudes. The Omega announcements on WWV and WWVH are given to provide users with immediate notification of such events and other information on the status of the Omega system.

(i) *Geophysical alerts.* These occur in voice at the 18th minute of each hour from WWV. They point out outstanding events which are in process, followed by a summary of selected solar and geophysical events in the past 24 hours and a forecast for the next 24 hours. They are provided by the Space Environment Laboratory, National Oceanic and Atmospheric Administration, Boulder, CO 80303.

(j) *Marine storm information.* Weather information about major storms in the Atlantic and eastern North Pacific are broadcast in voice from WWV at 8, 9, and 10 minutes after each hour. Similar storm warnings covering the eastern and central North Pacific are given from WWVH at 48, 49, and 50 minutes after each hour. An additional segment (at 11 minutes after the hour on WWV and at 51 minutes on WWVH) may be used when there are unusually widespread storm conditions. The brief messages are designed to tell mariners of storm threats in their areas. If there are no warnings in the designated areas, the broadcasts will so indicate. The ocean areas involved are those for which the U.S. has warning responsibility under international agreement. The regular times of issue by the National Weather Service are 0500, 1100, 1700, and 2300 UTC for WWV and 0000, 0600, 1200, and 1800 UTC for WWVH. These broadcasts are updated effective with the next scheduled announcement following the time of issue.

(k) *"Silent" periods.* These are periods with no tone modulation during which the carrier, seconds ticks, minute time announcements, and 100 Hz modified IRIG H time code continue. They occur during the 16th through the 20th minute on WWVH and the 46th through the 51st minute on WWV.

(l) *WWVB.* This station (antenna coordinates 40°40'28.3" N., 105°02'39.5" W.; radiated power 12 kw.) broadcasts on 60

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kHz. Its time scale is the same as for WWV and WWVH, and its frequency accuracy and stability are the same. Its entire format consists of a 1 pulse per second special binary time code giving minutes, hours, days, and the correction between its UTC time scale and UTI astronomical time. Identification of WWVB is made by its unique time code and a 45° carrier phase shift which occurs for the period between 10 minutes and 15 minutes after each hour. The useful coverage area of WWVB is within the continental United States. Propagation fluctuations are much less with WWVB than with high-frequency reception, permitting frequency comparisons to be made to a few parts in 10¹¹ per day.

(m) *Special Publication 432*. This publication describes in detail the standard frequency and time service of NIST. Single copies may be obtained at no charge upon request from the National Institute of Standards & Technology, Time & Frequency Services Group, 524.06, Boulder, CO 80303. Quantities may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, at a nominal charge per copy.

§ 200.108 Request procedure.

(a) A formal purchase order for the calibration or test should be sent before or at the time the instrument or standard is shipped. The purchase order should provide clear identification of the apparatus being submitted, and give separate instructions for return shipment, mailing of report, and billing. If a customer wishes to minimize the time during which the equipment is out of service, the customer can usually arrange to be notified of the scheduled test date to allow timely shipment. (See §200.110.) Requests from Federal agencies, or from State agencies, for calibrations or tests on material to be used on private or Federal contract work should be accompanied either by purchase order or by letter or document authorizing the cost of the work to be billed to the agency.

(b) The submission of a purchase order for measurement services under this subchapter shall be understood as constituting an agreement on the part of the customer to be bound by the re-

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strictions on the use of results as set forth in §200.113 of this part. Acceptance of purchase orders does not imply acceptance of any provisions set forth in the order contrary to the policy, practice, or regulations of NIST or the U.S. Government. (A statement to the effect that NIST is an agency of the U.S. Government should satisfy other Government agencies with regard to compliance with Government regulations and Executive orders.)

(c) A test number will be assigned by NIST to each instrument or group of similar instruments or standards when the order is accepted. This test number should be referred to in all subsequent communications. Also, each instrument in a group must be uniquely identified, usually by the manufacturer's name and instrument serial number. When the serial number is lacking, an alternative identifying mark should be provided. If none is found, NIST will mark the piece with an NIST identification number. If the apparatus submitted has been previously calibrated by NIST, the serial number or identifying mark should be given on the new order, so that a continuing record of stability history can be established.

(d) Inquiries for measurement services should be directed to the NIST address listed in the various sections of the Appendix to SP 250.

§ 200.109 Shipping, insurance, and risk of loss.

(a) Shipment of apparatus to NIST for calibration or other test should be made only after the customer has accepted the estimate of cost and the tentative scheduling. Repairs and adjustments on apparatus submitted should be attended to by the owner, since NIST will not undertake them except by special arrangement. Apparatus not in good condition will not be calibrated. If defects are found after calibration has begun, the effort may be terminated, a report issued summarizing such information as has been found, and a fee charged in accordance with the amount of work done.

(b) The customer should pack apparatus sent to NIST so as to minimize the likelihood of damage in shipment and handling. Suggestions on packing and shipping are made in some sections

of SP 250. In every case, the sender should consider the nature of the apparatus, pack it accordingly, and clearly label shipments containing fragile instruments or materials, such as glass and the like.

(c) To minimize damage during shipment resulting from inadequate packing, the use of strong reusable containers is recommended. As an aid in preventing loss of such containers, the customer's name should be legibly and permanently marked on the outside. In order to prolong the container's use the notation "REUSABLE CONTAINER, DO NOT DESTROY" should be marked on the outside.

(d) Shipping and insurance coverage instructions should be clearly and legibly shown on the purchase order for the calibration or test. The customer must pay shipping charges to and from NIST; shipments from NIST will be made collect. The method of return transportation should be stated, and it is recommended that return shipments be insured, since NIST will not assume liability for their loss or damage. For long-distance shipping it is found that air express and air freight provide an advantage in reduction of time in transit. If return shipment by parcel post is requested or is a suitable mode of transportation, shipments will be prepaid by NIST, but without covering insurance. When no shipping or insurance instructions are furnished, return shipment will be made by common carrier collect, but uninsured.

(e) NIST will not be responsible for the risk of loss or damage to any item during shipment to or from NIST. Any arrangements for insurance covering this risk must be made by the customer. Return shipment will be made by NIST as indicated in paragraph (d) of this section. The purchase order should always show the value of the equipment, and if transit insurance is carried by the customer, this fact should be stated.

(f) The risk of loss or damage in handling or testing of any item by NIST must be assumed by the customer, except when it is determined by NIST that such loss or damage was occasioned solely by the negligence of NIST personnel.

(g) When a test number has been assigned prior to shipment to NIST, this number should be clearly marked on the shipping container. When a test number has not been assigned, an invoice, copy of the purchase order, or letter should be enclosed in the shipment to insure proper identification. The original purchase order should be forwarded as appropriate to:

Office of Measurement Services, National Institute of Standards & Technology, Washington, DC 20234; or to Measurement Services Clerk, National Institute of Standards & Technology, Boulder, CO 80303.

(h) The calibrations listed in SP 250 are performed at Boulder, Colorado and Gaithersburg, Maryland.

§ 200.110 Priorities and time of completion.

Schedule work assignments for calibrations and other tests will generally be made in the order in which confirmed requests are received. However, Government work may be given priority. On the regular services, the workload is usually such that the turnaround interval, between the date a customer's apparatus is received and the date it is prepared for return shipment, will be not more than 45 days. Some types of instruments may require considerably longer, particularly if their abnormal behavior requires reruns to check reliability. The customer who can spare the instrument for only a short time can usually arrange by letter or telephone call for shipping it to NIST just as the assigned starting date approaches. A notice will be sent acknowledging receipt of the customer's standard and/or purchase order. If both a confirmed purchase order (or equivalent) and the apparatus have been received, estimates of the completion date and the calibration fee will be sent upon request.

§ 200.111 Witnessing of operations.

NIST welcomes scientists and engineers who may wish to visit its laboratories and discuss its methods. Ordinarily visitors will not be permitted to witness the actual carrying out of highly precise measurements because their presence introduces distraction that may lead to errors or delays. This policy may be waived in those cases

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where NIST determines that the visitor can be of service in setting up apparatus of a new or unusual nature, in the case of referee tests, or in other cases in which the legal validity of the result may require the presence of duly authorized witnesses.

§ 200.112 Reports.

(a) Results of calibrations and other tests are issued to the customer as formal reports entitled, "National Institute of Standards & Technology Report of Calibration," "National Institute of Standards & Technology Report of Test," or "National Institute of Standards & Technology Report of Analysis," as appropriate. Copies are not supplied to other parties except under applicable Federal law. Whenever formal certification is required by law, or to meet special conditions adjudged by NIST to warrant it, a letter will be provided certifying that the particular item was received and calibrated or tested, and identifying the report containing the results.

(b) NIST reports of calibration generally include in sentence form a statement of the uncertainty attached to the numerical values reported. Limits of uncertainty usually comprise an estimate of systematic error plus a value of imprecision. Details on how these estimates are arrived at are in many cases included in the calibration report. Additional information may be found in SP 250.

(c) The NIST practice is to express data given in calibration or test reports in the SI or International System of Units. The International System of Units (SI) was defined and given official status by the 11th General Conference of Weights and Measures, 1960. A complete listing of SI units is presented in detail in NIST SP 330. The NIST will express data in SI units unless this makes communication excessively complicated. For example, commercial gage designations, commonly used items identified by nominal dimensions, or other commercial nomenclatures or devices (such as drill sizes, or commercial standards for weights and measures) expressed in customary units are an exception from this practice. However, even in such instances, when practical and meaningful, SI and

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customary units may be given in parallel. Users of NIST calibration services may specify the units to be used in the calibration, especially for commercial devices and standards using customary units or units having some legal definition.

§ 200.113 Use of results or reports.

(a) As the national standards laboratory of the United States, NIST maintains and establishes the primary standards from which measurements in science and industry ultimately derive. It is therefore sometimes desirable for manufacturers or users of measurement standards to make appropriate reference to the relationship of their calibrations to NIST calibrations. The following considerations must be borne in mind, and shall be understood as constituting an agreement on the part of the NIST customer to be bound thereby in making reference to NIST calibration and test reports.

(b) The results of calibrations and tests performed by NIST are intended solely for the use of the organization requesting them, and apply only to a particular device or specimen at the time of its test. The results shall not be used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that NIST approves, recommends, or endorses the manufacturer, the supplier, or the user of such devices or specimens, or that NIST in any way "guarantees" the later performance of items after calibration or test.

(c) NIST declares it to be in the national interest that it maintain an impartial position with respect to any commercial product. Advertising the findings on a single instrument could be misinterpreted as an indication of performance of other instruments of identical or similar type. There will be no objection, however, to a statement that the manufacturer's primary standards have been periodically calibrated by NIST, if this is actually the case, or that the customer might arrange to have NIST calibrate the item purchased from the manufacturer.

(d) NIST does not approve, recommend, or endorse any proprietary product or proprietary material. No

reference shall be made to NIST, or to reports or results furnished by NIST in any advertising or sales promotion which would indicate or imply that NIST approves, recommends, or endorses any proprietary product or proprietary material, or which has as its purpose an intent to cause directly or indirectly the advertised product to be used or purchased because of NIST test reports or results.

In its own activities as a scientific institution, NIST uses many different materials, products, types of equipment, and services. This use does not imply that NIST has given them a preferential position or a formal endorsement. Therefore, NIST discourages references, either in advertising or in the scientific literature, which identify it as a user of any proprietary product, material, or service. Occasionally, effective communication of results by NIST to the scientific community requires that a proprietary instrument, product, or material be identified in an NIST publication. Reference in an NIST publication, report, or other document to a proprietary item does not constitute endorsement or approval of that item and such reference should not be used in any way apart from the context of the NIST publication, report, or document without the advance express written consent of NIST.

§ 200.114 Fees and bills.

(a) In accordance with 15 U.S.C. 271 *et seq.*, fees are charged for all measurement services performed by NIST, unless waived by the Director, or the Director's designee, when deemed to be in the interest of the Government. The above-mentioned statutes authorize the issuance from time to time of appropriate regulations regarding the payment of fees, the limits of tolerance on standards submitted for verification, and related matters.

(b) The minimum fee for any service request accepted by NIST is \$10, unless otherwise indicated in SP 250. If apparatus is returned without testing, a minimum charge of \$10 may be made to cover handling. Charges commensurate with the work performed will be as-

sessed for calibrations which cannot be completed because of faulty operation of the customer's device. Fees for calibrations or tests include the cost of preparation of an NIST report. Remittances should be made payable to the National Institute of Standards & Technology.

§ 200.115 Description of services and list of fees, incorporation by reference.

(a) NIST Special Publication 250, "Calibration and Related Measurement Services of the National Institute of Standards & Technology" is hereby incorporated by reference, pursuant to 5 U.S.C. 552(a)(1) and 1 CFR Part 51. SP 250 states the authority under which NIST performs various types of measurement services including calibrations and tests and charges fees therefor, states the general conditions under which the public may secure such services, describes these services in considerable detail, and lists the fees to be charged, and sets out the instructions for requesting them in an appendix which is reviewed, revised and reissued semi-annually (December and June). The Director, Office of the Federal Register, approved the incorporation by reference on December 28, 1967.

(b) SP 250 is available at the following places:

(1) Superintendent of Documents, Government Printing Office, Washington, DC 20402.

(2) Technical Information and Publications Division, National Institute of Standards & Technology, Washington, DC 20234.

(3) District Offices of the U.S. Department of Commerce.

(4) Federal Depository Libraries.

(c) Revisions of SP 250 will be issued from time to time by the National Institute of Standards & Technology, Washington, DC 20234.

(d) Further information concerning policies, procedures, services, and fees may be obtained by writing the Office of Measurement Services, National Institute of Standards & Technology, Washington, DC 20234.

SUBCHAPTER B—STANDARD REFERENCE MATERIALS

PART 230—STANDARD REFERENCE MATERIALS

Subpart A—General Information

Sec.

230.1 Introduction.

230.2 Identification of Standard Reference Materials.

230.3 New Standard Reference Materials.

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Subpart C—Description of Services and List of Fees

230.7 Description of services and list of fees, incorporation by reference.

AUTHORITY: Sec. 9, 31 Stat. 1450, as amended; 15 U.S.C. 277. Interprets and applies sec. 7, 70 Stat. 959; 15 U.S.C. 275a.

SOURCE: 41 FR 8472, Feb. 27, 1976, unless otherwise noted.

Subpart A—General Information

§ 230.1 Introduction.

This part states the procedure for ordering Standard Reference Materials (SRM's) issued by the National Institute of Standards & Technology. SRM's are used to calibrate measurement systems, evaluate measurement methods, or produce scientific data that can be referred to a common base. NIST Special Publication 260, "Catalog of NIST Standard Reference Materials," lists and describes the SRM's issued by NIST. SP 260 is periodically revised to include new SRM's and eliminate those that have been discontinued. Between editions of SP 260, supplements are issued that list new or renewal SRM's not listed in SP 260. In addition, these supplements list the fees charged for available SRM's.

[41 FR 8472, Feb. 27, 1976, as amended at 55 FR 38315, Sept. 18, 1990]

§ 230.2 Identification of Standard Reference Materials.

The SRM's are listed by category in SP 260 and by sequential number in the supplements. The number uniquely identifies a particular SRM. Renewals are indicated by the addition of a letter to the original number. Thus, 11a is the first, 11b the second, and 11c the third renewal of SRM 11, Basic Open-Hearth Steel, 0.2 percent carbon. In this way, a particular number or number and letter always represent a material of fixed or approximately fixed composition.

§ 230.3 New Standard Reference Materials.

When new SRM's or renewals of old ones are issued, announcements are made in SP 260, its supplement, and in scientific and trade journals.

Subpart B—Purchase Procedure

§ 230.4 Ordering.

Orders should be addressed to the Office of Standard Reference Materials, National Institute of Standards & Technology, Washington, DC 20234. Orders should give the amount (number of units), catalog number and name of the standard requested. *For example:* 1 each, SRM 11h, Basic Open-Hearth Steel, 0.2 percent C. These materials are distributed only in the units listed.

[41 FR 8472, Feb. 27, 1976, as amended at 55 FR 38315, Sept. 18, 1990]

§ 230.5 Terms and shipping.

(a) Prices are given in the SP 260 supplement. These prices are subject to revision and orders will be billed for prices in effect at the time of shipment. No discounts are given on purchases of SRM's.

(b) Payment need not accompany a purchase order. Payment is due within 30 days of receipt of an invoice.

(c) SRM's are shipped in the most expeditious manner that complies with transportation and postal laws and regulations.

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§ 230.6 Standard Reference Materials out of stock.

Orders for out-of-stock SRM's will be returned with information as to future availability.

Subpart C—Description of Services and List of Fees

§ 230.7 Description of services and list of fees, incorporation by reference.

(a) The text of NIST Special Publication 260, "Catalog of NIST Standard Reference Materials," and its supplement are hereby incorporated by reference pursuant to 5 U.S.C. 552(a)(1) and 1 CFR Part 51.

(b) SP 260 describes the SRM's that are available and states the procedure

for ordering the materials. SP 260 is available at the following places:

Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Office of Standard Reference Materials, National Institute of Standards & Technology, Washington, DC 20234.

(c) Supplements are issued when needed to reflect additions, deletions, and corrections to SP 260, and to list fees charged for the SRM's. Supplements are available from the Office of Standard Reference Materials, National Institute of Standards & Technology, Washington, DC 20234.

[41 FR 8472, Feb. 27, 1976, as amended at 55 FR 38315, Sept. 11, 1990]

SUBCHAPTER C—TRANSCRIPT SERVICES [RESERVED]

SUBCHAPTER D—STANDARDS FOR BARRELS

PART 240—BARRELS AND OTHER CONTAINERS FOR LIME

Sec.	
240.1	Title of act.
240.2	Application.
240.3	Permissible sizes.
240.4	Definitions.
240.5	Required marking.
240.6	Tolerances.

AUTHORITY: Sec. 4, 39 Stat. 531; 15 U.S.C. 240.

SOURCE: 13 FR 8372, Dec. 28, 1948, unless otherwise noted.

§ 240.1 Title of act.

The act, "Pub. L. 228, 64th Congress," approved August 23, 1916 (39 Stat. 530; 15 U.S.C. 237-242), entitled "An Act to standardize lime barrels," shall be known and referred to as the "Standard Lime-Barrel Act."

§ 240.2 Application.

The rules and regulations in this part are to be understood and construed to apply to lime in barrels, or other containers packed, sold, or offered for sale for shipment from any State or Territory or the District of Columbia to any other State or Territory or the District of Columbia; and to lime in containers of less capacity than the standard small barrel sold in interstate or foreign commerce; and to lime imported in barrels from a foreign country and sold or offered for sale; also to lime not in barrels or containers of less capacity than the standard small barrel, sold, charged for, or purported to be delivered as a large or small barrel or a fractional part of said small barrel of lime, from any State or Territory or the District of Columbia to any other State or Territory or the District of Columbia.

§ 240.3 Permissible sizes.

Lime in barrels shall be packed only in barrels containing 280 pounds or 180 pounds, net weight. For the purposes of this section the word "barrel" is defined as a cylindrical or approximately cylindrical vessel, cask or drum.

(Sec. 2, 39 Stat. 530; 15 U.S.C. 238)

§ 240.4 Definitions.

(a) The term *container of less capacity than the standard small barrel*, as mentioned in section 3 of the law and as used in the rules and regulations in this part, is defined as any container not in barrel form containing therein a net weight of lime of less than 180 pounds.

(b) The term *label* as used in the rules and regulations in this part is defined as any printed, pictorial, or other matter upon the surface of a barrel or other container of lime subject to the provisions of this act, or upon cloth or paper or the like which is permanently affixed to it by pasting or in a similar manner.

(c) The term *tag* is defined as a tough and strong strip of cloth or paper or the like, bearing any printed, pictorial, or other matter, which is loose at one end and which is secured to a container of lime subject to the provisions of the act.

(Sec. 3, 39 Stat. 530; 15 U.S.C. 239)

§ 240.5 Required marking.

(a) The lettering required upon barrels of lime by section 2 of the law shall be as follows: The statement of net weight shall be in boldface capital letters and figures at least 1 inch in height and not expanded or condensed; it shall be clear, legible, and permanent, and so placed with reference to the other lettering that it is conspicuous. The name of the manufacturer of the lime and where manufactured, and, if imported, the name of the country from which it is imported, shall be in boldface letters at least one-half inch in height and not expanded or condensed, and shall be clear, legible, conspicuous, and permanent. None of these letters and figures shall be superimposed upon each other, nor shall any other characters be superimposed upon the required lettering or otherwise obscure it. All the above statements shall form parts of the principal label.

(b) The information required upon containers of lime of less capacity than the standard small barrel by section 3 of the law shall be included in a label:

Provided, however, That in order to allow the utilization of second-hand or returnable bags made of cloth, burlap, or the like, such information may be upon a tag firmly attached to the container in a prominent and conspicuous position. In case a tag is used to give the required information there must not be any label or another tag upon the container which bears any statement having reference to lime, or any statement of weight whatever, which is not identical with the information upon the tag mentioned above; if a container is to be utilized which bears any such inaccurate information upon a label, such container shall be turned inside out or such information shall be obliterated in so far as it is inaccurate by blotting out the letters or figures; or if such inaccurate information is upon a tag, by removing such tag.

(c) If the required lettering is upon a label, the statement of net weight shall be in bold-face capital letters and figures at least three-fourths inch in height and not expanded or condensed; it shall be clear, legible, and permanent, and so placed with reference to the other lettering that it is conspicuous. The word "net" shall form part of the statement of weight. The name of the manufacturer of the lime and the name of the brand, if any, under which it is sold, and, if imported, the name of the country from which it is imported, shall be in bold face letters at least one-half inch in height and not expanded or condensed, and shall be clear, legible, conspicuous, and permanent. None of these letters and figures shall be superimposed upon each other, nor shall any other characters be superimposed upon the required lettering or otherwise obscure it. All the above statements shall form parts of the principal label.

(d) If the required lettering is upon a tag, the statement of net weight shall be in bold-face capital letters and figures not less than one-half the height of the largest letters or figures used upon such tag: *Provided, however,* That in every case they shall be not less than one-eighth inch in height (12-point capitals), and not expanded or condensed. The word "net" shall form part of the statement of weight. The statement shall be clear, legible, and

permanent, and so placed with reference to the other lettering that it is conspicuous. The name of the manufacturer of the lime, and the name of the brand, if any, under which it sold, and, if imported, the name of the country from which it is imported, shall be in bold-face letters and figures not less than one-eighth inch in height (12-point capitals), and not expanded or condensed, and shall be clear, legible, conspicuous, and permanent. None of these letters and figures shall be superimposed upon each other nor shall any other characters be superimposed upon the required lettering or otherwise obscure it. All the above statements shall be included upon the same side of the tag.

(e) In case the lime is actually packed in barrels or in containers of less capacity than the standard small barrel by some person other than the manufacturer of the lime, the information mentioned above must be given in the manner there described, and in addition there must be a statement to this effect: "Packed by _____" (giving the name and address of the packer). This statement shall be in letters not smaller than is specified for the general statement required in the case of barrels and containers of less capacity than the standard small barrel, respectively (see paragraphs (a) and (b) of this section); it shall not be obscured and shall form part of the principal label or be upon the same side of the tag as in those cases provided.

(f) In the case of all lime sold in barrels, the actual place of manufacture of the lime shall be stated on the barrel. In general, this will be the name of the post office nearest or most accessible to the plant. However, when the actual place of manufacture of the lime and the offices of the company are separated but are within the boundaries of the same county of a State, or when, though not within the boundaries of the same county they are so close together that the post-office address of the offices represents substantially and to all intents and purposes the actual place of manufacture of the lime, then the post-office address of the offices of the company will be sufficient: *Provided, however,* That the address given

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shall always correctly show the State in which the lime is actually manufactured.

(g) More than one place of manufacture of a manufacturer shall not be shown on the same barrel unless the one at which the particular lime in question is manufactured is pointed out.

(h) If the location of the home offices is stated and this is not the place of manufacture within the meaning of the above definition, an additional statement must be included to this effect: "Manufactured at _____" (giving the location of the plant).

(Secs. 2, 3, 39 Stat. 530; 15 U.S.C. 238, 239)

§ 240.6 Tolerances.

(a) When lime is packed in barrels the tolerance to be allowed on the large barrel or the small barrel of lime shall be 5 pounds in excess or in deficiency on any individual barrel: *Provided, however*, That the average error on 10 barrels of the same nominal weight and packed by the same manufacturer shall in no case be greater than 2 pounds in excess or in deficiency. In case all the barrels available are not weighed, those which are weighed shall be selected at random.

(b) When lime is packed in containers of less capacity than the standard small barrel, the tolerance to be allowed in excess or in deficiency on individual containers of various weights, shall be the values given in the column headed "Tolerance on individual package," of the following table: *Provided, however*, That the average error on 10 containers of the same nominal weight and packed by the same manufacturer shall in no case be greater than the values given in the column headed "Tolerance on average weight," of the following table. In case all the containers available are not weighed, those which are weighed shall be selected at random.

Weight of packaged	Tolerance on individual package (pounds)	Tolerance on average weight (pounds)
Not greater than 50 lbs	1½	¾
More than 50 lb. and not greater than 100 lbs	2	¾
More than 100 lb. and not greater than 150 lb	3	1¼

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Weight of packaged	Tolerance on individual package (pounds)	Tolerance on average weight (pounds)
More than 150 lb. and less than 180 lb	4	1½

(c) When lime in bulk is sold, charged for, or purported to be delivered as a definite number of large or small barrels, the tolerance to be allowed in excess or in deficiency on such amounts of lime shall be 15 pounds per 1,800 pounds (10 small barrels), or 25 pounds per 2,800 pounds (10 large barrels).

PART 241—BARRELS FOR FRUITS, VEGETABLES AND OTHER DRY COMMODITIES, AND FOR CRANBERRIES

Sec.

241.1 Capacities.

241.2 Legal standard barrels.

241.3 Application of tolerance for "distance between heads."

241.4 Application of tolerance for "diameter of head."

241.5 Standard dimensions.

241.6 Classes of barrels for tolerance application.

241.7 Tolerances to be allowed.

AUTHORITY: Sec. 3, 38 Stat. 1187; 15 U.S.C. 236.

SOURCE: 13 FR 8373, Dec. 28, 1948, unless otherwise noted.

NOTE: The rules and regulations in this part refer entirely to individual barrels, and no separate tolerance has been placed on the average content of a number of barrels taken at random from a shipment. It is not believed that barrels can be so made as to take advantage of the tolerances, and, of course, no attempt should be made to do this. It is, therefore, expected that as many barrels will be above as below the standard capacity.

§ 241.1 Capacities.

(a) The capacities of the standard barrel for fruits, vegetables, and other dry commodities, other than cranberries, and its subdivisions, are as follows:

Size	Cubic inches	Bushels ¹	Quarts ¹
Barrel	7,056	3.281	105
¾ barrel	5,292	2.46	78¾
½ barrel	3,528	1.641	52½
¼ barrel	2,352	1.094	35

¹ Struck measure.

(b) The capacities of the standard cranberry barrel and its subdivisions are as follows:

Size	Cubic inches	Bushels ¹	Quarts ¹
Cranberry barrel	5,826	2.709	86 ⁴⁵ / ₆₄
¾ cranberry barrel	4,369.5	2.032	65 ¹ / ₆₄
½ cranberry barrel	2,913	1.355	43 ¹¹ / ₃₂
⅓ cranberry barrel	1,942	.903	28 ²⁹ / ₃₂

¹ Struck measure.

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.2 Legal standard barrels.

(a) Any barrel having the dimensions specified for a standard barrel for fruits, vegetables, and other dry commodities, other than cranberries, in section 1 of the standard-barrel law, or any barrel or a subdivision thereof having the contents specified in section 1 of the standard-barrel law and in § 241.1(a) regardless of its form or dimensions, is a legal standard barrel for fruits, vegetables, or other dry commodities other than cranberries, or a legal subdivision thereof. No other barrel or subdivision in barrel form is a legal container for fruits, vegetables, or other dry commodities other than cranberries.

(b) Any barrel having the dimensions specified for a standard barrel for cranberries in section 1 of the standard-barrel law, or any subdivision thereof having the contents specified in § 241.1(b), regardless of its form or dimensions, is a legal standard barrel for cranberries or a legal subdivision thereof. No other barrel or subdivision in barrel form is a legal container for cranberries.

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.3 Application of tolerance for "distance between heads."

The tolerance established in this part for the dimension specified as "distance between heads" shall be applied as follows on the various types of barrels in use:

(a) When a barrel or subdivision thereof has two heads, the tolerance shall be applied to the distance between the inside surfaces of the heads and perpendicular to them.

(b) When a barrel or subdivision thereof has but one head and a croze ring or other means for the insertion of a head, such as an inside hoop, etc., at

the opposite end, the tolerance shall be applied to the distance from the inside surface of the bottom head and perpendicular to it to the inside edge of the croze ring, or to a point where the inside surface of a head would come were such head inserted in the barrel.

(c) When a barrel or subdivision thereof has but one head and no croze ring or other means for the insertion of a head, such as an inside hoop, etc., at the opposite end, the tolerance shall be applied to the distance from the inside surface of the bottom head and perpendicular to it to a point 1½ inches from the opposite end of the staves in the case of a barrel or a ¾ barrel, and to a point 1 inch or ⅞ inch from the opposite end of the staves in the case of the ½ barrel and ⅓ barrel, respectively. When a barrel or subdivision thereof has been manufactured with but one head and no croze ring or other means for the insertion of a head at the opposite end, and it is desired to insert a second head, the croze ring shall be so cut that the inside edge shall not be more than 1½ inches from the end of the staves in the case of a barrel or ¾ barrel or not more than 1 inch or ⅞ inch from the end of the staves in the case of the ½ barrel and ⅓ barrel, respectively, or the other means shall be so adjusted that the inside surface of the head when inserted shall not exceed these distances from the end of the staves.

§ 241.4 Application of tolerance for "diameter of head."

(a) The tolerance established in this part for the dimension specified as "diameter of head" shall be applied to the diameter of the head over all, including the part which fits into the croze ring of the completed barrel.

(b) The tolerance established in this part for the dimension specified as "effective diameter of head" shall be applied as follows on the various types of barrels and subdivisions in use;

(1) When a barrel or subdivision thereof has two heads, the tolerance shall be applied to the mean of the average diameters from inside to inside of staves at the inner edges of the heads.

(2) When a barrel or subdivision thereof has but one head and a croze

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ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other from inside to inside of staves at the inner edge of the croze ring, or from inside to inside of staves at a point where the inside surface of a head would come were such head inserted in the barrel.

(3) When a barrel or subdivision thereof has but one head and no croze ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other taken from inside to inside of staves at a point $1\frac{1}{8}$ inches from the end of the staves in the case of a barrel or $\frac{3}{4}$ barrel, or at a point 1 inch or $\frac{7}{8}$ inch from the end of the staves in the case of a $\frac{1}{2}$ barrel or $\frac{1}{3}$ barrel, respectively.

(c) The standard allowance for depth of croze ring shall be $\frac{3}{16}$ inch. Therefore, the standard "effective diameter of head" in the case of the standard barrel is $16\frac{3}{4}$ inches and in the case of the standard cranberry barrel is $15\frac{7}{8}$ inches.

§ 241.5 Standard dimensions.

Whenever in the rules and regulations in this part the error on a dimension is mentioned, this error shall be determined by taking the difference between the actual measured dimension and the standard dimension. The error is an error in excess and is to be preceded by a plus sign when the measured dimension is greater than the standard dimension. The error is an error in deficiency and is to be preceded by a minus sign when the measured dimension is less than the standard dimension.

(a) The standard dimensions of a barrel for fruits, vegetables, and other dry commodities other than cranberries, and of a barrel for cranberries, with which the actual measured dimensions are to be compared, are as follows:

15 CFR Subtitle B, Ch. II (1-1-14 Edition)

Dimensions	Barrel for fruits, vegetables, and other dry commodities other than cranberries (inches)	Barrel for cranberries (inches)
Diameter of head	$17\frac{1}{8}$	$16\frac{1}{4}$
Effective diameter of head (see § 241.4)	$16\frac{3}{4}$	$15\frac{7}{8}$
Distance between heads	26	$25\frac{1}{4}$
Circumference of bulge, outside measurement	64	$58\frac{1}{2}$
Length of stave	$28\frac{1}{2}$	$28\frac{1}{2}$

(b) In the case of all subdivisions of the barrel for fruits, vegetables, and other dry commodities other than cranberries, and all subdivisions of the barrel for cranberries, the following dimensions are hereby standardized for the purpose of the application of tolerances, and the actual measured dimensions are to be compared with these:

SUBDIVISIONS OF BARREL FOR FRUITS, VEGETABLES, AND OTHER DRY COMMODITIES OTHER THAN CRANBERRIES

Dimensions	$\frac{3}{4}$ barrel (inches)	$\frac{1}{2}$ barrel (inches)	$\frac{1}{3}$ barrel (inches)
Effective diameter of head (see § 241.4)	$15\frac{1}{4}$	$13\frac{3}{8}$	$11\frac{5}{8}$
Distance between heads	$23\frac{1}{2}$	$20\frac{1}{2}$	18
Circumference of bulge, outside measurement	$58\frac{1}{2}$	$51\frac{1}{2}$	$45\frac{1}{4}$

SUBDIVISIONS OF BARREL FOR CRANBERRIES

Dimensions	$\frac{1}{2}$ barrel (inches)	$\frac{1}{3}$ barrel (inches)
Effective diameter of head (see § 241.4)	$14\frac{3}{8}$	11
Distance between heads	23	$17\frac{1}{2}$
Circumference of bulge, outside measurement	$53\frac{3}{8}$	$41\frac{3}{8}$

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.6 Classes of barrels for tolerance application.

For the purpose of the application of tolerances, barrels for fruits, vegetables, and other dry commodities other than cranberries, are hereby divided into two classes as follows:

(a) Class 1 shall include (1) all barrels no dimension of which is in error by more than the following amounts, and (2) all barrels one or more of the dimensions of which are in error by more than the following amounts, and which in addition have no dimension in error in the opposite direction:

	Error, inches
Effective diameter of head	$\frac{1}{4}$
Distance between heads	$\frac{1}{4}$

	Error, inches
Circumference of bulge, outside measurement ..	1½

(b) Class 2 shall include all barrels at least one dimension of which is in error by more than the amounts given above, but which in addition have at least one dimension in error in the opposite direction. (This class includes all barrels mentioned in section 1 of the law in the proviso reading: “*Provided, That any barrel of a different form having a capacity of seven thousand and fifty-six cubic inches shall be a standard barrel.*”)

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.7 Tolerances to be allowed.

(a) The tolerances to be allowed in excess or in deficiency on the dimensions of all barrels of Class 1 shall be as follows:

	Tolerance inches
Diameter of head	¼
Effective diameter of head	¼
Distance between heads	¼
Circumference of bulge, outside measurement ..	1½
Length of stave	½

(1) If no dimension of a barrel of Class 1 is in error by more than the tolerance given above, then the barrel is within the tolerance allowed.

(2) If one or more of the dimensions of a barrel of Class 1 is in error by more than the tolerance given above, then the barrel is not within the tolerance allowed.

(b) The tolerance to be allowed in excess or in deficiency on all barrels of Class 2 shall be 1½ inches (1.5) inches, and this tolerance is to be applied to the result obtained by the application of the following rule:

(1) Having determined the errors of each dimension and given to each its proper sign (see § 241.4), add the errors on the effective diameter of head and the distance between heads algebraically and multiply the result by 1.67 (or $\frac{5}{3}$). Then add this result to the error on the circumference of bulge algebraically. If the result obtained is not greater than the tolerance given above, then the barrel is within the tolerance allowed; if the result is greater

than this tolerance, then the barrel is not within the tolerance allowed.

NOTE: To find the algebraic sum of a number of quantities having different signs, first add all those having one sign; then add all those having the opposite sign; then subtract the smaller sum from the larger, giving this result the sign of the larger quantity.

(2) [Reserved]

(c) The tolerance to be allowed in excess or in deficiency on the dimensions of all barrels for cranberries shall be as follows:

	Tolerance, inches
Diameter of head	¼
Effective diameter of head	¼
Distance between heads	¼
Circumference of bulge, outside measurement ..	1⅝
Length of stave	½

(1) If no dimension of a barrel for cranberries is in error by more than the tolerance given above, then the barrel is within the tolerance allowed.

(2) If one or more of the dimensions of a barrel for cranberries is in error by more than the tolerance given above, then the barrel is not within the tolerance allowed.

(d) The tolerances to be allowed in excess or in deficiency on all subdivisions of the standard barrel for fruits, vegetables, and other dry commodities other than cranberries, and on all subdivisions of the standard barrel for cranberries, shall be the values given in the following table, and these tolerances are to be applied to the result obtained by the application of the following rule:

(1) Having determined the errors on each dimension and given to each its proper sign (see § 241.5), add the errors on the effective diameter of head and the distance between heads algebraically and multiply the result by 1.67 (or $\frac{5}{3}$). Then add this result to the error on the circumference of bulge algebraically. If the result obtained is not greater than the tolerance given in the following table for the proper subdivision, then the barrel is within the tolerance allowed; if the result is greater than this tolerance, then the barrel is not within the tolerance allowed.

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Size of subdivision	Tolerance	
	For fruits, vegetables, and other dry commodities (inches)	For cran- berries (inches)
$\frac{3}{4}$ barrel	$1\frac{3}{8}$ (1.375)	$1\frac{1}{4}$ (1.25)
$\frac{1}{2}$ barrel	$1\frac{1}{4}$ (1.25)	$1\frac{1}{8}$ (1.125)
$\frac{1}{3}$ barrel	$1\frac{1}{8}$ (1.125)	1 (1.00)

SUBCHAPTER E—FELLOWSHIPS AND RESEARCH ASSOCIATES

PART 255—FELLOWSHIPS IN LABORATORY STANDARDIZATION AND TESTING FOR QUALIFIED CITIZENS OF OTHER AMERICAN REPUBLICS

Sec.

- 255.1 Type of fellowships.
- 255.2 Qualifications.
- 255.3 Award of fellowships.
- 255.4 Allowances and expenses.
- 255.5 Progress reports.
- 255.6 Duration of fellowships.
- 255.7 Official notification.

AUTHORITY: R.S. 161; sec. 1, 53 Stat. 1290; 22 U.S.C. 501.

SOURCE: 13 FR 8374, Dec. 28, 1948, unless otherwise noted.

§ 255.1 Type of fellowships.

Fellowships shall be of the combined intern-training and training-in-research type, and may include any or all of the following courses:

(a) Orientation courses consisting of lectures and conferences at the National Institute of Standards & Technology pertaining to laboratory standardization and testing.

(b) Practical laboratory training in various branches of physics, chemistry, and engineering research, under the direction of the National Institute of Standards & Technology, which will include the usual subdivisions of physics (weights and measures, heat, optics, mechanics, atomic physics, electrical measurements and radio) and also technologic applications in research and testing on metals, rubber, leather, paper, textiles, plastics, and clay and silicate products.

(c) Observation and study in such other laboratories within the continental United States as may be selected by the Director of the National Institute of Standards & Technology.

(d) Courses of instruction or research assignments supplementing the practical laboratory training, in universities or colleges selected by the Director of the National Institute of Standards & Technology.

[13 FR 8374, Dec. 28, 1948, as amended at 55 FR 38315, Sept. 18, 1990]

§ 255.2 Qualifications.

Each applicant selected for a fellowship shall be:

(a) A citizen of an American republic other than the United States;

(b) In possession of a certificate of medical examination issued by a licensed physician within 60 days of the date of application, describing the applicant's physical condition and stating that he is free from any communicable disease, physical deformity or disability that would interfere with the proper pursuit of training, research, or any other activity or work incident to the fellowship;

(c) Able to speak, read, write and understand the English language;

(d) Of good moral character and possessing intellectual ability and suitable personal qualities; and

(e) In possession of acceptable evidence that he has successfully completed the equivalent of a four-year university course in a recognized university, college or other institution of learning, with some training or experience in the field of activity which he desires to pursue. Equivalent experience may be substituted for the university training in the case of candidates who are otherwise specially well qualified.

§ 255.3 Award of fellowships.

Fellowships shall be awarded by the Director of the National Institute of Standards & Technology, with the approval of the Secretary of Commerce and the Secretary of State, or the duly authorized representative of the Secretary of State. Applications shall be transmitted to the Secretary of State by the government of the American republic of which the applicant is a citizen through the American diplomatic mission accredited to that government.

[13 FR 8374, Dec. 28, 1948, as amended at 55 FR 38315, Sept. 18, 1990]

§ 255.4 Allowances and expenses.

Allowances and expenses shall be as provided in State Department regulations given in 22 CFR Part 61, and as

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provided in Department of Commerce Administrative Order No. 202-3.¹

§ 255.5 Progress reports.

Applicants awarded fellowships under the regulations in this part shall submit written reports of progress in training and research at such intervals as the Director of the National Institute of Standards & Technology may determine.

[13 FR 8374, Dec. 28, 1948, as amended at 55 FR 38316, Sept. 18, 1990]

§ 255.6 Duration of fellowships.

Fellowships may be awarded for periods of varying length, not exceeding one 12-month period of actual training and research and may be extended for not exceeding the same periods in the manner prescribed under § 255.3 and subject to the availability of appropriations. Fellowships may be cancelled for cause by the Director of the National Institute of Standards & Technology, with the approval of the Secretary of Commerce and the Secretary of State, or the duly authorized representative of the Secretary of State.

[13 FR 8374, Dec. 28, 1948, as amended at 55 FR 38316, Sept. 18, 1990]

§ 255.7 Official notification.

Each applicant selected by the Director of the National Institute of Standards & Technology and approved by the Secretary of Commerce and the Secretary of State, or the duly authorized representative of the Secretary of State, shall be notified of his award through diplomatic channels. The notification shall state the duration and type of fellowship, outline the program of training and research, and state the allowances authorized: *Provided, however,* That the Director of the National Institute of Standards & Technology may subsequently amend the program and duration of the fellowship if in his opinion such action would be in the interest of obtaining training and research better suited to the needs and capabilities of the fellow than those prescribed in the notification. The

¹Not filed with the Office of the Federal Register.

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amount originally authorized for monthly allowances and other expenses may also be amended, if necessary, with the approval of the Secretary of Commerce and the Secretary of State, or the duly authorized representative of the Secretary of State.

[13 FR 8374, Dec. 28, 1948, as amended at 55 FR 38316, Sept. 18, 1990]

PART 256—RESEARCH ASSOCIATE PROGRAM

Sec.

256.1 Introduction.

256.2 The Research Associate Program.

256.3 Procedure.

256.4 Qualifications.

256.5 Duration of projects.

256.6 Information concerning the Research Associate Program.

AUTHORITY: 27 Stat. 395, 31 Stat. 1039; 20 U.S.C. 91.

SOURCE: 32 FR 10252, July 12, 1967, unless otherwise noted.

§ 256.1 Introduction.

This part states policies and procedures concerning the Research Associate Program at the National Institute of Standards & Technology. In the exercise of its functions as a major scientific agency of the Federal Government, the National Institute of Standards & Technology may make its facilities available to persons other than Bureau employees to work with scientists and engineers in collaborative research aimed at furthering the Nation's scientific, industrial, and economic growth. Such cooperative programs may be sponsored by professional, technical, or industrial organizations or associations. Such participants, when so sponsored, are designated "Research Associates".

§ 256.2 The Research Associate Program.

The Bureau provides its facilities, scientific competence, and technical supervision for defined scientific or technical research by a Research Associate when such research is complementary to and compatible with scientific or technical research being performed or to be undertaken by NIST under its statutory mission and authority. The Sponsors pay the salaries

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of their Research Associates and Sponsor-furnished technical assistants and secretaries of the Research Associates, if any, their travel costs, and other related expenses. Additionally, Sponsors reimburse NIST for the cost of research equipment, services, or materials obtained for the Research Associate.

[32 FR 10252, July 12, 1967, as amended at 40 FR 50707, Oct. 31, 1975]

§ 256.3 Procedure.

Arrangements for collaborative research by NIST with a Research Associate generally begin through discussions or correspondence between NIST scientists and representatives of potential sponsoring companies, trade associations or professional organizations. These preliminary steps are followed by the consummation of a Memorandum of Agreement which is signed by NIST, the sponsoring organization and the Research Associate. The agreement sets out the respective responsibilities and obligations of all parties.

§ 256.4 Qualifications.

Each candidate selected to serve as a Research Associate must be determined to be scientifically qualified by the Sponsor and by the NIST, and found by NIST to be of good moral character and to possess suitable personal qualities.

§ 256.5 Duration of projects.

The work of a Research Associate is generally conducted on a full-time basis. Typically, Research Associates are in residence at NIST for 6 to 18 months; longer-term programs may be carried on by a succession of Research Associates. Agreements provide for cancellation by any of the parties.

§ 256.6 Information concerning the Research Associate Program.

Information concerning the Research Associate Program may be obtained from the Industrial Liaison Officer, National Institute of Standards & Technology, Washington, DC 20234.

[40 FR 50707, Oct. 31, 1975]

SUBCHAPTER F—REGULATIONS GOVERNING TRAFFIC AND CONDUCT

PART 265—REGULATIONS GOVERNING TRAFFIC AND CONDUCT ON THE GROUNDS OF THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY, GAITHERSBURG, MARYLAND, AND BOULDER AND FORT COLLINS, COLORADO

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- 265.3 Compliance with directions.
- 265.4 Making or giving of false reports.
- 265.5 Laws of Maryland and Colorado applicable.

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- 265.11 Inspection of license and registration.
- 265.12 Speeding or reckless driving.
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- 265.17 Parking permits.
- 265.18 Prohibited servicing of vehicles.
- 265.19 Unattended vehicles.
- 265.20 Towing of improperly parked vehicles.
- 265.21 Improper use of roads as thoroughfares.
- 265.22 Bicycle traffic.

Subpart C—Buildings and Grounds

- 265.31 Closing the site.
- 265.32 Trespassing.
- 265.33 Preservation of property.
- 265.34 Conformity with posted signs.
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- 265.36 Intoxicating beverages.
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- 265.38 Intoxication or other impairment of function.
- 265.39 Weapons and explosives.
- 265.40 Nondiscrimination.
- 265.41 Gambling.
- 265.42 Photography for advertising or commercial purposes; advertising and soliciting.
- 265.43 Pets and other animals.

Subpart D—Penalties

- 265.51 Penalties—other laws.

AUTHORITY: Sec. 9, 31 Stat. 1450, as amended (15 U.S.C. 277). Applies sec. 1, 72 Stat 1711, as amended, (15 U.S.C. 278e(b)).

SOURCE: 39 FR 41170, Nov. 25, 1974, unless otherwise noted.

Subpart A—General

§ 265.1 Definitions.

As used in this part:

(a) *Site* means those grounds and facilities of the National Institute of Standards & Technology, Department of Commerce located in Montgomery County, Maryland, and in Boulder and Larimer Counties, Colorado, over which the Federal Government has acquired concurrent jurisdiction in accordance with appropriate authority.

(b) *Uniformed guard* means a designated employee appointed by the Director for purposes of carrying out the authority of a U.S. Special Policeman, as provided by 40 U.S.C. 318.

(c) *Director* means the Director of the National Institute of Standards & Technology.

[39 FR 41170, Nov. 25, 1974, as amended at 41 FR 51787, Nov. 24, 1976; 55 FR 38316, Sept. 18, 1990]

§ 265.2 Applicability.

The regulations in this part establish rules with respect to the parking and operation of motor vehicles and other activities and conduct on the site. These regulations are intended to supplement the rules and regulations regarding conduct in Part O of Subtitle A of this title and in other officially issued orders and regulations of the Department of Commerce and the National Institute of Standards & Technology

[39 FR 41170, Nov. 25, 1974, as amended at 55 FR 38316, Sept. 18, 1990]

§ 265.3 Compliance with directions.

No person shall fail or refuse to comply with any lawful order or direction of a uniformed guard in connection with the control or regulation of traffic and parking or other conduct on the site.

§ 265.4 Making or giving of false reports.

No person shall knowingly give any false or fictitious report or information to any authorized person investigating an accident or apparent violation of law or these regulations. Nothing in this section shall affect the applicability of 18 U.S.C. 1001 regarding false, fictitious or fraudulent statements or entries.

§ 265.5 Laws of Maryland and Colorado applicable.

Unless otherwise specifically provided herein, the laws of the State of Maryland and of the State of Colorado shall be applicable to the site located within those respective States. The applicability of State laws shall not, however, affect or abrogate any other Federal law or regulation applicable under the circumstances.

Subpart B—Traffic and Vehicular Regulations**§ 265.11 Inspection of license and registration.**

No person may operate any motor vehicle on the site unless he holds a current operator's license, nor may he, if operating a motor vehicle on the site, refuse to exhibit for inspection, upon request of a uniformed guard, his operator's license or proof of registration of the vehicle under his control at time of operation.

§ 265.12 Speeding or reckless driving.

(a) No person shall drive a motor vehicle on the site at a speed greater than or in a manner other than is reasonable and prudent for the particular location, given the conditions of traffic, weather, and road surface and having regard to the actual and potential hazards existing.

(b) Except when a special hazard exists that requires lower speed for compliance with paragraph (a) of this section, the speed limit on the site is 25 m.p.h., unless another speed limit has been duly posted, and no person shall drive a motor vehicle on the site in excess of the speed limit.

§ 265.13 Emergency vehicles.

No person shall fail or refuse to yield the right-of-way to an emergency vehicle when operating with siren or flashing lights.

§ 265.14 Signs.

Every driver shall comply with all posted traffic and parking signs.

§ 265.15 Right-of-way in crosswalks.

No person shall fail or refuse to yield the right-of-way to a pedestrian or bicyclist crossing a street in a marked crosswalk.

§ 265.16 Parking.

No person, unless otherwise authorized by a posted traffic sign or directed by a uniformed guard, shall stand or park a motor vehicle:

- (a) On a sidewalk;
- (b) Within an intersection or within a crosswalk;
- (c) Within 15 feet of a fire hydrant, 5 feet of a driveway or 30 feet of a stop sign or traffic control device;
- (d) At any place which would result in the vehicle being double parked;
- (e) At curbs painted yellow;
- (f) In a direction facing on-coming traffic;
- (g) In a manner which would obstruct traffic;
- (h) In a parking space marked as not intended for his use;
- (i) Where directed not to do so by a uniformed guard;
- (j) Except in an area specifically designated for parking or standing;
- (k) Except within a single space marked for such purposes, when parking or standing in an area with marked spaces;
- (l) At any place in violation of any posted sign; or
- (m) In excess of 24 hours, unless permission has been granted by the Physical Security office.

§ 265.17 Parking permits.

No person, except visitors, shall park a motor vehicle on the site without having a valid parking permit displayed on such motor vehicle in compliance with instructions of the issuing

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authority. Such permits may be revoked by the issuing authority for violation of any of the provisions of this part.

§ 265.18 Prohibited servicing of vehicles.

No person shall make nonemergency repairs on privately owned vehicles on the site.

§ 265.19 Unattended vehicles.

No person shall leave a motor vehicle unattended on the site with the engine running or a key in the ignition switch or the vehicle not effectively braked.

§ 265.20 Towing of improperly parked vehicles.

Any motor vehicle that is parked in violation of these regulations may be towed away or otherwise moved if a determination is made by a uniformed guard that it is a nuisance or hazard. A reasonable amount for the moving service and for the storage of the vehicle, if any, may be charged, and the vehicle is subject to a lien for that charge.

§ 265.21 Improper use of roads as thoroughfares.

Except as otherwise provided herein, no person shall drive a motor vehicle or bicycle onto the site for the sole purpose of using the roads of the site as a thoroughfare between roads bordering the site. This section shall not apply to bicyclists using officially approved bike paths on the site.

§ 265.22 Bicycle traffic.

No person shall ride a bicycle other than in a manner exercising due caution for pedestrian and other traffic. No person shall ride a bicycle on sidewalks or inside any building, nor shall any person park a bicycle on sidewalks or inside any building nor in a roadway or parking lot, provided, however, that these parking restrictions shall not apply to bicycles parked at bicycle racks located in these areas.

Subpart C—Buildings and Grounds

§ 265.31 Closing the site.

As determined by the Director (Director, NIST Boulder Laboratories, for

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sites in Colorado), the site may be closed to the public in emergency situations and at such other times as may be necessary for the orderly conduct of the Government's business. At such times no person shall enter the site except authorized individuals, who may be required to sign a register and display identification when requested by a uniformed guard.

[39 FR 41170, Nov. 25, 1974, as amended at 56 FR 66969, Dec. 27, 1991]

§ 265.32 Trespassing.

No person shall come onto the site other than in pursuance of official government business or other properly authorized activities.

§ 265.33 Preservation of property.

No person shall, without authorization, willfully destroy, damage, or deface any building, sign, equipment, marker, or structure, tree, flower, lawn, or other public property on the site.

§ 265.34 Conformity with posted signs.

No person shall fail or refuse to comply with officially posted signs of a prohibitory nature or with directions of a uniformed guard.

§ 265.35 Nuisances.

(a) No person shall willfully disrupt the conduct of official business on the site, or engage in disorderly conduct; nor shall any person unreasonably obstruct the usual use of entrances, foyers, lobbies, corridors, offices, elevators, stairways, parking lots, sidewalks, or roads.

(b) No person shall litter or dispose of rubbish except in a receptacle provided for that purpose; nor shall any person throw articles of any kind from a building or from a motor vehicle or bicycle.

§ 265.36 Intoxicating beverages.

Except as expressly authorized by the Director, the consumption or use on the site of intoxicating beverages is prohibited.

§ 265.37 Narcotics and other drugs.

The possession, sale, consumption, or use on the site of narcotic or other

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drugs illegal under the laws of the State in which the particular site is situated is prohibited. The provisions of this section are not intended to preclude the applicability of any State or local laws and regulations with respect to the possession, sale, consumption, or use of narcotic or other drugs.

§ 265.38 Intoxication or other impairment of function.

No person shall enter or remain on the site while noticeably impaired by the use of intoxicating beverages or narcotics or other drugs, and any such person found on the site in such a state of impairment may be removed from the site.

§ 265.39 Weapons and explosives.

Except in connection with the conduct of official business on the site, no person other than uniformed guards specifically authorized, or other Federal, State, or local law enforcement officials so authorized, shall carry, transport, or otherwise possess on the site, firearms whether loaded or not, other dangerous or deadly weapons or materials, or explosives, either openly or concealed, without the written permission of the Director or his designee.

§ 265.40 Nondiscrimination.

No person shall discriminate against any other person because of race, creed, color, sex, or national origin, in furnishing, or by refusing to furnish to such person the use of any facility of a public nature, including all services, privileges, accommodations, and activities provided thereby on the site.

§ 265.41 Gambling.

No person shall participate on the site in games for money or other property, or in the operation of gambling devices, the conduct of lotteries or pools, or in the selling or purchasing of numbers tickets, or the taking or placing of bets.

§ 265.42 Photography for advertising or commercial purposes; advertising and soliciting.

(a) Except as otherwise provided herein or where security regulations would preclude, photographs may be taken in entrances, lobbies, foyers, cor-

ridors, and auditoriums without prior approval. Photography for advertising and commercial purposes may be conducted only with the written permission of the Chief, Public Affairs Division of the National Institute of Standards and Technology (Public Affairs Officer for Boulder for sites in Colorado,) provided, however, that this shall not apply to photography for purposes of civic promotion.

(b) Commercial advertisements and other material which are not directly pertinent or applicable to NIST employees but which nevertheless may be of interest or benefit to them may, with the approval of the Director of Administration (Executive Office, Boulder, for sites in Colorado), be placed in an appropriate location and made available to employees who visit that area. Except with approval as provided herein, no person shall distribute commercial advertising literature or engage in commercial soliciting on the site.

[39 FR 41170, Nov. 25, 1974, as amended at 55 FR 38316, Sept. 18, 1990; 56 FR 66969, Dec. 27, 1991]

§ 265.43 Pets and other animals.

Except in connection with the conduct of official business on the site or with the approval of the Associate Director for Administration (Executive Officer, IBS/Boulder, for sites in Colorado), no person shall bring upon the site any cat, dog, or other animal, provided, however, that blind persons may have the use of seeing eye dogs.

Subpart D—Penalties

§ 265.51 Penalties—other laws.

Except with respect to the laws of the State of Maryland and the State of Colorado assimilated by § 265.5 or otherwise, whoever shall be found guilty of violating these regulations is subject to a fine of not more than \$50 or imprisonment of not more than 30 days, or both (40 U.S.C. 318c). Except as expressly provided in this part, nothing contained in these regulations shall be construed to abrogate any other Federal laws or regulations, or any State and local laws and regulations applicable to the area in which the site is situated.

SUBCHAPTER G—NATIONAL CONSTRUCTION SAFETY TEAMS

PART 270—NATIONAL CONSTRUCTION SAFETY TEAMS

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AUTHORITY: Pub. L. 107-231, 116 Stat. 1471 (15 U.S.C. 7301 *et seq.*).

SOURCE: 68 FR 4694, Jan. 30, 2003, unless otherwise noted.

Subpart A—General

§ 270.1 Description of rule; purpose; applicability.

(a) The National Construction Safety Team Act (the Act) (Pub. L. 107-231) provides for the establishment of investigative teams to assess building performance and emergency response and evacuation procedures in the wake of any building failure that has resulted in substantial loss of life or that posed significant potential of substantial loss of life.

(b)(1) The purpose of the Act is to provide for the establishment of investigative teams to assess building performance and emergency response and evacuation procedures in the wake of any building failure that has resulted

in substantial loss of life or that posed significant potential of substantial loss of life. The role of NIST in implementing the Act is to understand the factors contributing to the building failure and to develop recommendations for improving national building and fire model codes, standards, and practices. To do this, the Teams produce technical reports containing data, findings, and recommendations for consideration by private sector bodies responsible for the affected national building and fire model code, standard, or practice. While NIST is an active participant in many of these organizations, NIST's recommendations are one of many factors considered by these bodies. NIST is not now and will not become a participant in the processes and adoption of practices, standards, or codes by state or local regulatory authorities.

(2) It is not NIST's role to determine whether a failed building resulted from a criminal act, violated any applicable federal requirements or state or local code or regulatory requirements, or to determine any culpability associated therewith. These are matters for other federal, state, or local authorities, who enforce their regulations.

(c) This part is applicable to the establishment and deployment of Teams and the conduct of investigations under the Act.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 66704, Nov. 28, 2003; 69 FR 33571, June 16, 2004]

§ 270.2 Definitions used in this part.

The following definitions are applicable to this part:

Act. The National Construction Safety Team Act (Pub. L. 107-231, 116 Stat. 1471).

Advisory Committee. The National Construction Safety Team Advisory Committee.

Credentials. Credentials issued by the Director, identifying a person as a member of a National Construction Safety Team, including photo identification and other materials, including badges, deemed appropriate by the Director.

Director. The Director of the National Institute of Standards and Technology.

Evidence. Any document, record, book, artifact, building component, material, witness testimony, or physical evidence collected pursuant to an investigation.

General Counsel. The General Counsel of the U.S. Department of Commerce.

Investigation participant. Any person participating in an investigation under the Act, including all Team members, other NIST employees participating in the investigation, private sector experts, university experts, representatives of professional organizations, employees of other Federal, state, or local government entities, and other contractors.

Lead Investigator. A Team member who is a NIST employee and is designated by the Director to lead a Team.

NIST. The National Institute of Standards and Technology.

Team. A team established by the Director and deployed to conduct an investigation under the Act.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 66704, Nov. 28, 2003]

Subpart B—Establishment and Deployment of Teams

SOURCE: 68 FR 66704, Nov. 28, 2003, unless otherwise noted.

§ 270.100 General.

(a) Based on prior NIST experience, NIST expects that the Director will establish and deploy a Team to conduct an investigation at a frequency of approximately once per year or less.

(b) For purposes of this part, a building failure may involve one or more of the following: structural system, fire protection (active or passive) system, air-handling system, and building control system. Teams established under the Act and this part will investigate these technical causes of building failures and will also investigate the technical aspects of evacuation and emergency response procedures, including multiple-occupant behavior or evacuation (egress or access) system, emergency response system, and emergency communication system.

(c) For purposes of this part, the number of fatalities considered to be

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“substantial” will depend on the nature of the event, its impact, its unusual or unforeseen character, historical norms, and other pertinent factors.

[68 FR 66704, Nov. 28, 2003, as amended at 69 FR 33571, June 16, 2004]

§ 270.101 Preliminary reconnaissance.

(a) To the extent the Director deems it appropriate, the Director may conduct a preliminary reconnaissance at the site of a building failure. The Director may establish and deploy a Team to conduct the preliminary reconnaissance, as described in § 270.102 of this subpart, or may have information gathered at the site of a building failure without establishing a Team.

(b) If the Director establishes and deploys a Team to conduct the preliminary reconnaissance, the Team shall perform all duties pursuant to section 2(b)(2) of the Act, and may perform all activities that Teams are authorized to perform under the Act and these procedures, including gathering and preserving evidence. At the completion of the preliminary reconnaissance, the Team will report its findings to the Director in a timely manner. The Director may either determine that the Team should conduct further investigation, or may direct the Team to prepare its public report immediately.

(c) If the preliminary reconnaissance is conducted without the establishment of a Team, the leader of the initial assessment will report his/her findings to the Director in a timely manner. The Director will decide whether to establish a Team and conduct an investigation using the criteria established in § 270.102 of this subpart.

§ 270.102 Conditions for establishment and deployment of a Team.

(a) The Director may establish a Team for deployment after an event that caused the failure of a building or buildings that resulted in substantial loss of life or posed significant potential for substantial loss of life. The Director will determine the following prior to deploying a Team:

(1) The event was any of the following:

(i) A major failure of one or more buildings or types of buildings due to

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an extreme natural event (earthquake, hurricane, tornado, flood, etc.);

(ii) A fire that resulted in a building failure of the building of origin and/or spread beyond the building of origin.

(iii) A major building failure at significantly less than its design basis, during construction, or while in active use; or

(iv) An act of terrorism or other event resulting in a Presidential declaration of disaster and activation of the National Response Plan; and

(2) A fact-finding investigation of the building performance and emergency response and evacuation procedures will likely result in significant and new knowledge or building code revision recommendations needed to reduce or mitigate public risk and economic losses from future building failures.

(b) In making the determinations pursuant to paragraph (a) of this section, the Director will consider the following:

(1) Whether sufficient financial and personnel resources are available to conduct an investigation; and

(2) Whether an investigation of the building failure warrants the advanced capabilities and experiences of a Team; and

(3) If the technical cause of the failure is readily apparent, whether an investigation is likely to result in relevant knowledge other than reaffirmation of the technical cause; and

(4) Whether deployment of a Team will substantially duplicate local or state resources equal in investigatory and analytical capability and quality to a Team; and

(5) Recommendations resulting from a preliminary reconnaissance of the site of the building failure.

(c) To the maximum extent practicable, the Director will establish and deploy a Team within 48 hours after such an event.

[68 FR 66704, Nov. 28, 2003, as amended at 69 FR 33571, June 16, 2004]

§ 270.103 Publication in the Federal Register.

The Director will promptly publish in the FEDERAL REGISTER notice of the establishment of each Team.

§ 270.104 Size and composition of a Team.

(a) *Size of a Team.* The size of a Team will depend upon the likely scope and complexity of the investigation. A Team may consist of five or less members if the investigation is narrowly focused, or a Team may consist of twenty or more members divided into groups if the breadth of the investigation spans a number of technical issues. In addition, Teams may be supported by others at NIST, in other federal agencies, and in the private sector, who may conduct supporting experiments, analysis, interviews witnesses, and/or examine the response of first responders, occupants, etc.

(b) *Composition of a Team.* (1) A Team will be composed of individuals selected by the Director and led by a Lead Investigator designated by the Director.

(2) The Lead Investigator will be a NIST employee, selected based on his/her technical qualifications, ability to mobilize and lead a multi-disciplinary investigative team, and ability to deal with sensitive issues and the media.

(3) Team members will include at least one employee of NIST and will include experts who are not employees of NIST, who may include private sector experts, university experts, representatives of professional organizations with appropriate expertise, and appropriate Federal, State, or local officials.

(4) Team members who are not Federal employees will be Federal Government contractors.

(5) Teams may include members who are experts in one or more of the following disciplines: civil, structural, mechanical, electrical, fire, forensic, safety, architectural, and materials engineering, and specialists in emergency response, human behavior, and evacuation.

(c) *Duration of a Team.* A Team's term will end 3 months after the Team's final public report is published, but the term may be extended or terminated earlier by the Director.

[68 FR 66704, Nov. 28, 2003, as amended at 69 FR 33571, June 16, 2004]

§ 270.105 Duties of a Team.

(a) A Team's Lead Investigator will organize, conduct, and control all technical aspects of the investigation, up to and including the completion of the final investigation public report and any subsequent actions that may be required. The Lead Investigator has the responsibility and authority to supervise and coordinate all resources and activities of NIST personnel involved in the investigation. The Lead Investigator may be the Contracting Officer's Technical Representative (COTR) on any contract for service on the Team or in support of the Team; while the COTR remains the technical representative of the Contracting Officer for purposes of contract administration, the Lead Investigator will oversee all NIST personnel acting as COTRs for contracts for service on the Team or in support of the Team. The Lead Investigator's duties will terminate upon termination of the Team. The Lead Investigator will keep the Director and the NCST Advisory Committee informed about the status of investigations.

(b) A Team will:

(1) Establish the likely technical cause or causes of the building failure;

(2) Evaluate the technical aspects of evacuation and emergency response procedures;

(3) Recommend, as necessary, specific improvements to building standards, codes, and practices based on the findings made pursuant to paragraphs (b)(1) and (b)(2) of this section;

(4) Recommend any research and other appropriate actions needed to improve the structural safety of buildings, and improve evacuation and emergency response procedures, based on the findings of the investigation; and

(5) Not later than 90 days after completing an investigation, issue a public report in accordance with § 270.205 of this subpart.

(c) In performing these duties, a Team will:

(1) Not interfere unnecessarily with services provided by the owner or operator of the buildings, building components, materials, artifacts, property, records, or facility;

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(2) Preserve evidence related to the building failure consistent with the ongoing needs of the investigation;

(3) Preserve evidence related to a criminal act that may have caused the building failure;

(4) Not impede and coordinate its investigation with any search and rescue efforts being undertaken at the site of the building failure;

(5) Coordinate its investigation with qualified researchers who are conducting engineering or scientific research (including social science) relating to the building failure;

(6) Cooperate with State and local authorities carrying out any activities related to a Team's investigation;

(d) In performing these duties, in a manner consistent with the procedures set forth in this part, a Team may:

(1) Enter property where a building failure being investigated has occurred and take necessary, appropriate, and reasonable action to carry out the duties described in paragraph (b) of this section;

(2) Inspect any record, process, or facility related to the investigation during reasonable hours;

(3) Inspect and test any building components, materials, and artifacts related to the building failure; and

(4) Move records, components, materials, and artifacts related to the building failure.

§ 270.106 Conflicts of interest related to service on a Team.

(a) Team members who are not Federal employees will be Federal Government contractors.

(b) Contracts between NIST and Team members will include appropriate provisions to ensure that potential conflicts of interest that arise prior to award or during the contract are identified and resolved.

Subpart C—Investigations

SOURCE: 68 FR 66704, Nov. 28, 2003, unless otherwise noted.

§ 270.200 Technical conduct of investigation.

(a) *Preliminary reconnaissance.* (1) An initial assessment of the event, including an initial site reconnaissance, if

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deemed appropriate by the Director, will be conducted. This assessment will be done within a few hours of the event, if possible. The Director may establish and deploy a Team to conduct the preliminary reconnaissance, using the criteria established in § 270.102 of this part, or may have information gathered at the site of a building failure without establishing a Team.

(2) If the Director establishes and deploys a Team to conduct the preliminary reconnaissance, the Team shall perform all duties pursuant to section 2(b)(2) of the Act, and may perform all activities that Teams are authorized to perform under the Act and these procedures, with a focus on gathering and preserving evidence, inspecting the site of the building failure, and interviewing of eyewitnesses, survivors, and first responders. Collections of evidence by a Team established for preliminary reconnaissance are investigatory in nature and will not be considered research for any purpose. At the completion of the preliminary reconnaissance, the Team will report its findings to the Director in a timely manner. The Director may either determine that the Team should conduct further investigation, or may direct the Team to immediately prepare the public report as required by section 8 of the Act.

(3) If the preliminary reconnaissance is conducted without the establishment of a Team, the leader of the initial assessment will report his/her findings to the Director in a timely manner. The Director will decide whether to establish a team and conduct an investigation using the criteria established in § 270.102 of this part.

(b) *Investigation plan.* (1) If the Director establishes a Team without ordering preliminary reconnaissance, establishes a Team after preliminary reconnaissance, or establishes a Team to conduct preliminary reconnaissance and subsequently determines that further investigation is necessary prior to preparing the public report required by section 8 of the Act, the Director, or his/her designee, will formulate a plan that includes:

(i) A brief description of the building failure;

(ii) The criteria upon which the decision to conduct the investigation was based;

(iii) Supporting effort(s) by other organizations either in place or expected in the future;

(iv) Identification of the Lead Investigator and Team members;

(v) The technical investigation plan;

(vi) Site, community, and local, state, and Federal agency liaison status; and

(vii) Estimated duration and cost.

(2) To the extent practicable, the Director will include the most appropriate expertise on each Team from within NIST, other government agencies, and the private sector. The NCST Advisory Committee may be convened as soon as feasible following the launch of an investigation to provide the Director the benefit of its advice on investigation Team activities.

(c) *Investigation.* (1) The duration of an investigation that proceeds beyond preliminary reconnaissance will be as little as a few months to as long as a few years depending on the complexity of the event.

(2) Tasks that may be completed during investigations that proceed beyond preliminary reconnaissance include:

(i) Consult with experts in building design and construction, fire protection engineering, emergency evacuation, and members of other investigation teams involved in the event to identify technical issues and major hypotheses requiring investigation.

(ii) Collect data from the building(s) owner and occupants, local authorities, and contractors and suppliers. Such data will include relevant building and fire protection documents, records, video and photographic data, field data, and data from interviews and other oral and written accounts from building occupants, emergency responders, and other witnesses.

(iii) Collect and analyze physical evidence, including material samples and other forensic evidence, to the extent they are available.

(iv) Determine the conditions in the building(s) prior to the event, which may include the materials of construction and contents; the location, size, and condition of all openings that may have affected egress, entry, and fire

conditions (if applicable); the installed security and/or fire protection systems (if applicable); the number of occupants and their approximate locations at the time of the event.

(v) Reconstruct the event within the building(s) using computer models to identify the most probable technical cause (or causes) of the failure and the uncertainty(ies) associated with it (them). Such models may include initial damage, blast effects, pre-existing deficiencies and phenomena such as fire spread, smoke movement, tenability, occupant behavior and response, evacuation issues, cooperation of security and fire protection systems, and building collapse.

(vi) Conduct small and full-scale experiments to provide additional data and verify the computer models being used.

(vii) Examine the impact of alternate building/system/equipment design and use on the survivability of the building and its occupants.

(viii) Analyze emergency evacuation and occupant responses to better understand the actions of the first responders and the impediments to safe egress encountered by the occupants.

(ix) Analyze the relevant building practices, including code adoption and enforcement practices, to determine the extent to which the circumstances that led to this building failure have regional or national implications.

(x) Identify specific areas in building and fire codes, standards, and building practices that may warrant revisions based on investigation findings.

(xi) Identify research and other appropriate actions required to help prevent future building failures.

(d) If a disaster site contains multiple building failures, the Director will narrow the scope of the investigation plan taking into account available financial and personnel resources, and giving priority to failures offering the most opportunity to advance the safety of building codes. The Director may consider the capabilities of NIST in establishing priorities.

[68 FR 66704, Nov. 28, 2003, as amended at 69 FR 33571, June 16, 2004]

§ 270.201

§ 270.201 Priority of investigation.

(a) *General.* Except as provided in this section, a Team investigation will have priority over any other investigation of any other Federal agency.

(b) *Criminal acts.* (1) If the Attorney General, in consultation with the Director, determines, and notifies the Director that circumstances reasonably indicate that the building failure being investigated by a Team may have been caused by a criminal act, the Team will relinquish investigative priority to the appropriate law enforcement agency.

(2) If a criminal investigation of the building failure being investigated by a Team is initiated at the state or local level, the Team will relinquish investigative priority to the appropriate law enforcement agency.

(3) The relinquishment of investigative priority by the Team will not otherwise affect the authority of the Team to continue its investigation under the Act.

(c) *National Transportation Safety Board.* If the National Transportation Safety Board is conducting an investigation related to an investigation of a Team, the National Transportation Safety Board investigation will have priority over the Team investigation. Such priority will not otherwise affect the authority of the Team to continue its investigation under the Act.

(d) Although NIST will share any evidence of criminal activity that it obtains in the course of an investigation under the Act with the appropriate law enforcement agency, NIST will not participate in the investigation of any potential criminal activity.

§ 270.202 Coordination with search and rescue efforts.

NIST will coordinate its investigation with any search and rescue or search and recovery efforts being undertaken at the site of the building failure, including FEMA urban search and rescue teams, local emergency management agencies, and local emergency response groups. Upon arrival at a disaster site, the Lead Investigator will identify the lead of the search and rescue operations and will work closely

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with that person to ensure coordination of efforts.

[68 FR 66704, Nov. 28, 2003, as amended at 69 FR 33571, June 16, 2004]

§ 270.203 Coordination with Federal, State, and local entities.

NIST will enter into Memoranda of Understanding with Federal, State, and local entities, as appropriate, to ensure the coordination of investigations.

§ 270.204 Provision of additional resources and services needed by a Team.

The Director will determine the appropriate resources that a Team will require to carry out its investigation and will ensure that those resources are available to the Team.

§ 270.205 Reports.

(a) Not later than 90 days after completing an investigation, a Team shall issue a public report which includes:

(1) An analysis of the likely technical cause or causes of the building failure investigated;

(2) Any technical recommendations for changes to or the establishment of evacuation or emergency response procedures;

(3) Any recommended specific improvements to building standards, codes, and practices; and

(4) Recommendations for research and other appropriate actions needed to help prevent future building failures.

(b) A Team that is directed to prepare its public report immediately after conducting a preliminary reconnaissance will issue a public report not later than 90 days after completion of the preliminary reconnaissance. The public report will be in accordance with paragraph (a) of this section, but will be summary in nature.

(c) A Team that continues to conduct an investigation after conducting a preliminary reconnaissance will issue a public report not later than 90 days after completing the investigation in accordance with paragraph (a) of this section.

§ 270.206 Public briefings and requests for information.

(a) NIST will establish methods to provide updates to the public on its planning and progress of an investigation. Methods may include:

- (1) A public Web site;
- (2) Mailing lists, to include an emphasis on e-mail;
- (3) Semi-annual written progress reports;
- (4) Media briefings; and
- (5) Public meetings.

(b) Requests for information on the plans and conduct of an investigation should be submitted to the NIST Public and Business Affairs Division.

Subpart D—Collection and Preservation of Evidence; Information Created Pursuant to an Investigation; and Protection of Information**§ 270.300 Scope.**

During the course of an investigation conducted pursuant to the Act, evidence will be collected, and information will be created by the Team, NIST, and other investigation participants. This subpart sets forth the policy and procedures for the collection, preservation, and protection of evidence obtained and information created pursuant to an investigation.

§ 270.301 Policy.

Evidence collected and information created by Team members and all other investigation participants will be collected, preserved, and protected in accordance with the procedures set forth in this subpart.

COLLECTION OF EVIDENCE**§ 270.310 Evidence collected by investigation participants who are not NIST employees.**

Upon receipt of evidence pursuant to an investigation under the Act, each investigation participant who is not a NIST employee shall:

- (a) As soon as practicable, transfer the original evidence to NIST, and retain a copy of the evidence only if necessary to carry out their duties under the investigation; and

- (b) For any evidence that cannot reasonably be duplicated, retain the evidence in accordance with NIST procedures for preserving evidence as described in § 270.330 of this subpart, and upon completion of the duties for which retention of the evidence is necessary, transfer the evidence to NIST.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 24345, May 7, 2003]

§ 270.311 Collection of evidence.

(a) In the course of an investigation, evidence normally will be collected following the procedures described in §§ 270.312 through 270.315 of this subpart.

(b) Upon a written showing by the Lead Investigator of urgent and compelling reasons to believe that evidence may be destroyed, or that a witness may become unavailable, were the procedures described in §§ 270.312 through 270.314 of this subpart followed, the Director, with the concurrence of the General Counsel, may immediately issue a subpoena for such evidence or testimony, pursuant to § 270.315 of this subpart.

§ 270.312 Voluntary submission of evidence.

After the Director establishes and deploys a Team, members of the public are encouraged to voluntarily submit to the Team non-privileged evidence that is relevant to the subject matter of the pending investigation.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 24345, May 7, 2003]

§ 270.313 Requests for evidence.

(a) After the Director establishes and deploys a Team, the Lead Investigator, or their designee, may request the testimony of any person by deposition, upon oral examination or written questions, and may request documents or other physical evidence without seeking prior approval of the Director.

(b) Requests for responses to written questions will be made in writing and shall include:

- (1) A statement that the request is made to gather evidence necessary to an investigation being conducted under the Act;

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(2) Identification of the person whose responses are sought;

(3) Contact information for the person to whom the responses should be submitted;

(4) The date and time by which the responses are requested;

(5) A statement that the questions for which responses are sought are attached; and

(6) Contact information for the person to whom questions or problems regarding the request should be addressed.

(c) Requests for documents or other physical evidence will be made in writing and shall include:

(1) A statement that the request is made to gather evidence necessary to an investigation being conducted under the Act;

(2) A description of the documents or other physical evidence sought;

(3) Identification of the person or persons to whom the request is made;

(4) A request that each person to whom the request is directed produce and permit inspection and copying of the documents and physical evidence in the possession, custody, or control of that person at a specific time and place; and

(5) Contact information for the person to whom questions or problems regarding the request should be addressed.

(d) Requests for witness testimony will be made in writing and shall include:

(1) The name of the person whose testimony is requested;

(2) The date, time, and place of the deposition;

(3) A statement that the person whose testimony is requested may be accompanied by an attorney; and

(4) Contact information for the person to whom questions or problems regarding the request should be addressed.

(e) Collections of evidence under paragraphs (b), (c), and (d) of this section are investigatory in nature and will not be considered research for any purpose.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 66707, Nov. 28, 2003]

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§ 270.314 Negotiations.

The Lead Investigator may enter into discussions with appropriate parties to address problems identified with the submission of evidence requested pursuant to § 270.313 of this subpart. Should negotiations fail to result in the submission of such evidence, a subpoena may be issued pursuant to § 270.315.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 24345, May 7, 2003]

§ 270.315 Subpoenas.

(a) *General.* Subpoenas requiring the attendance of witnesses or the production of documentary or physical evidence for the purpose of taking depositions or at a hearing may be issued only under the signature of the Director with the concurrence of the General Counsel, but may be served by any person designated by the Counsel for NIST on behalf of the Director.

(b) *Determination whether to issue a subpoena.* In determining whether to issue a subpoena, the Director will consider the following factors:

(1) Whether the testimony, documentary, or physical evidence is required for an investigation being conducted pursuant to the Act;

(2) Whether the evidence sought is relevant to the purpose of the investigation;

(3) Whether NIST already has the evidence in its possession; and

(4) Whether the evidence required is described with specificity.

(c) *Contents of a subpoena.* A subpoena issued by the Director will contain the following:

(1) A statement that the subpoena is issued by the Director pursuant to section 5 of the Act;

(2) A description of the documents or physical evidence or the subject matter of the testimony required by the subpoena;

(3) A command that each person to whom it is directed attend and give testimony or produce and permit inspection and copying of designated books, documents or physical evidence in the possession, custody or control of that person at a time and place specified in the subpoena;

(4) A statement that any person whose testimony is required by the subpoena may be accompanied by an attorney; and

(5) The signature of the Director.

(d) *Service of a subpoena.* Service of a subpoena will be effected:

(1) By personal service upon the person or agent of the person whose testimony is required or who is in charge of the documentary or physical evidence required; or

(2) By certified mail, return receipt requested, or delivery to the last known residence or business address of such person or agent; or

(3) Where personal service, mailing, or delivery has been unsuccessful, service may also be effected by publication in the FEDERAL REGISTER.

(e) *Witness fees.* Witnesses will be entitled to the same fees and mileage as are paid to witnesses in the courts of the United States.

(f) *Failure to obey a subpoena.* If a person disobeys a subpoena issued by the Director under the Act, the Attorney General, acting on behalf of the Director, may bring civil action in a district court of the United States to enforce the subpoena. The court may punish a failure to obey an order of the court to comply with the subpoena as a contempt of court.

[68 FR 4694, Jan. 30, 2003, as amended at 68 FR 24345, May 7, 2003; 68 FR 66707, Nov. 28, 2003]

§ 270.316 Public hearings.

(a) During the course of an investigation by a Team, if the Director considers it to be in the public interest, NIST may hold a public hearing for the purposes of gathering testimony from witnesses and informing the public on the progress of the investigation.

(b) Should NIST plan to hold a public hearing, NIST will publish a notice in the FEDERAL REGISTER, setting forth the date, time, and place of the hearing, and procedures for members of the public wishing to speak at the hearing. In addition, witnesses may be subpoenaed to provide testimony at a public hearing, in accordance with § 270.315 of this subpart.

(c) The Director, or his designee, will preside over any public hearing held pursuant to this section.

ENTRY AND INSPECTION

§ 270.320 Entry and inspection of site where a building failure has occurred.

When the Director establishes and deploys a Team, the Team members will be issued notices of inspection authority to enter and inspect the site where the building failure has occurred.

§ 270.321 Entry and inspection of property where building components, materials, artifacts, and records with respect to a building failure are located.

(a) In the course of an investigation, entry and inspection of property where building components, materials, artifacts and records with respect to a building failure are located normally will be conducted following the procedures described in §§ 270.322 through 270.325 of this subpart.

(b) Upon a written showing by the Lead Investigator of urgent and compelling reasons to believe that building components, materials, artifacts or records located on a particular property may be destroyed were the procedures described in §§ 270.322 through 270.324 of this subpart followed, the Director, with the concurrence of the General Counsel may immediately issue a notice of inspection authority for such property, pursuant to § 270.325 of this subpart.

§ 270.322 Voluntary permission to enter and inspect property where building components, materials, artifacts, and records with respect to a building failure are located.

After the Director establishes and deploys a Team, members of the public are encouraged to voluntarily permit Team members to enter property where building components, materials, artifacts, and records with respect to the building failure are located, and take action necessary, appropriate, and reasonable in light of the nature of the property to be inspected and to carry out the duties of the Team.

§ 270.323

§ 270.323 Requests for permission to enter and inspect property where building components, materials, artifacts, and records with respect to a building failure are located.

(a) After the Director establishes and deploys a Team, the Lead Investigator or their designee may request permission to enter and inspect property where building components, materials, artifacts, and records with respect to a building failure are located, and take action necessary, appropriate, and reasonable in light of the nature of the property to be inspected and to carry out the duties of the Team.

(b) Requests for permission to enter and inspect such property will be made in writing and shall include:

(1) The name and title of the building owner, operator, or agent in charge of the building;

(2) If appropriate, the name of the building to be inspected;

(3) The address of the building to be inspected;

(4) The date and time of the inspection;

(5) If appropriate, a description of particular items to be inspected; and

(6) Contact information for the person to whom questions or problems regarding the request should be addressed.

§ 270.324 Negotiations.

The Lead Investigator may enter into discussions with appropriate parties to address problems identified with the goal of obtaining the permission requested pursuant to § 270.323 of this subpart.

§ 270.325 Notice of authority to enter and inspect property where building components, materials, artifacts, and records with respect to a building failure are located.

(a) *General.* In investigating a building failure pursuant to the Act, any member of a Team, or any other person authorized by the Director to support a Team, on display of written notice of inspection authority provided by the Director with concurrence of the General Counsel and appropriate credentials, may

(1) Enter property where a building failure being investigated has occurred, or where building components, mate-

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rials, and artifacts with respect to the building failure are located, and take action necessary, appropriate, and reasonable in light of the nature of the property to be inspected and to carry out the duties of the Team;

(2) During reasonable hours, inspect any record (including any design, construction, or maintenance record), process, or facility related to the investigation;

(3) Inspect and test any building components, materials, and artifacts related to the building failure; and

(4) Move any record, component, material and artifact as provided by this part.

(b) *Conduct of inspection, test, or other action.* An inspection, test, or other action taken by a Team pursuant to section 4 of the Act will be conducted in a way that does not interfere unnecessarily with services provided by the owner or operator of the building components, materials, or artifacts, property, records, process, or facility, and to the maximum extent feasible, preserves evidence related to the building failure, consistent with the ongoing needs of the investigation.

(c) *Determination whether to issue a notice of inspection authority.* In determining whether to issue a notice of inspection authority, the Director will consider whether the specific entry and inspection is reasonable and necessary for the Team to carry out its duties under the Act.

(d) *Notice of inspection authority.* Notice of inspection authority will be made in writing and shall include:

(1) A statement that the notice of inspection authority is issued pursuant to section 4 of the Act;

(2) The name and title of the building owner, operator, or agent in charge of the building;

(3) If appropriate, the name of the building to be inspected;

(4) The address of the building to be inspected;

(5) The date and time of the inspection;

(6) If appropriate, a description of particular items to be inspected; and

(7) The signature of the Director.

(e) *Refusal of entry on to property.* If upon being presented with a notice of inspection by any member of a Team,

or any other person authorized by the Director, the owner, operator, or agent in charge of the building or property being inspected refuses to allow entry or inspection, the Director may seek the assistance of the Department of Justice to obtain a warrant or other authorized judicial order enabling entry on to the property.

PRESERVATION OF EVIDENCE

§ 270.330 Moving and preserving evidence.

(a) A Team and NIST will take all necessary steps in moving and preserving evidence obtained during the course of an investigation under the Act to ensure that such evidence is preserved.

(b) In collecting and preserving evidence in the course of an investigation under the Act, a Team and NIST will:

(1) Maintain records to ensure that each piece of evidence is identified as to its source;

(2) Maintain and document an appropriate chain of custody for each piece of evidence;

(3) Use appropriate means to preserve each piece of evidence; and

(4) Ensure that each piece of evidence is kept in a suitably secure facility.

(c) If a Federal law enforcement agency suspects and notifies the Director that a building failure being investigated by a Team under the Act may have been caused by a criminal act, the Team, in consultation with the Federal law enforcement agency, will take necessary actions to ensure that evidence of the criminal act is preserved and that the original evidence or copies, as appropriate, are turned over to the appropriate law enforcement authorities.

INFORMATION CREATED PURSUANT TO AN INVESTIGATION

§ 270.340 Information created by investigation participants who are not NIST employees.

Unless requested sooner by the Lead Investigator, at the conclusion of an investigation, each investigation participant who is not a NIST employee shall transfer any original information they created pursuant to the investigation to NIST. An investigation participant may retain a copy of the informa-

tion for their records but may not use the information for purposes other than the investigation, nor may they release, reproduce, distribute, or publish any information first developed pursuant to the investigation, nor authorize others to do so, without the written permission of the Director or their designee. Pursuant to 15 U.S.C. 281a, no such information may be admitted or used as evidence in any suit or action for damages arising out of any matter related to the investigation.

PROTECTION OF INFORMATION

§ 270.350 Freedom of Information Act.

As permitted by section 7(b) of the Act, the following information will not be released:

(a) Information described by section 552(b) of Title 5, United States Code, or protected from disclosure by any other law of the United States; and

(b) Copies of evidence collected, information created, or other investigation documents submitted or received by NIST, a Team, or any other investigation participant, until the final investigation report is issued.

§ 270.351 Protection of voluntarily submitted information.

Notwithstanding any other provision of law, a Team, NIST, any investigation participant, and any agency receiving information from a Team, NIST, or any other investigation participant, will not disclose voluntarily provided safety-related information if that information is not directly related to the building failure being investigated and the Director finds that the disclosure of the information would inhibit the voluntary provision of that type of information.

§ 270.352 Public safety information.

A Team, NIST, and any other investigation participant will not publicly release any information it receives in the course of an investigation under the Act if the Director finds that the disclosure might jeopardize public safety.

SUBCHAPTER H—MAKING OF TOY, LOOK-ALIKE, AND IMITATION FIREARMS

PART 272—MARKING OF TOY, LOOK-ALIKE AND IMITATION FIREARMS

Sec.

272.1 Applicability.

272.2 Prohibitions.

272.3 Approved markings.

272.4 Waiver.

272.5 Preemption.

AUTHORITY: Section 4 of the Federal Energy Management Improvement Act of 1988, 15 U.S.C. 5001.

SOURCE: 54 FR 19358, May 5, 1989, unless otherwise noted. Redesignated at 78 FR 4765, Jan. 23, 2013.

§ 272.1 Applicability.

This part applies to toy, look-alike, and imitation firearms (“devices”) having the appearance, shape, and/or configuration of a firearm and produced or manufactured and entered into commerce on or after May 5, 1989, including devices modelled on real firearms manufactured, designed, and produced since 1898. This part does not apply to:

(a) Non-firing collector replica antique firearms, which look authentic and may be a scale model but are not intended as toys modelled on real firearms designed, manufactured, and produced prior to 1898;

(b) Traditional B-B, paint-ball, or pellet-firing air guns that expel a projectile through the force of compressed air, compressed gas or mechanical spring action, or any combination thereof, as described in American Society for Testing and Materials standard F 589-85, Standard Consumer Safety Specification for Non-Powder Guns, June 28, 1985. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the IHS Inc., 15 Inverness Way East, Englewood, CO 80112, www.global.ihs.com, Phone: 800.854.7179 or 303.397.7956, Fax: 303.397.2740, Email: global@ihs.com. A copy is available for inspection in the Office of the Chief Counsel for NIST,

National Institute of Standards and Technology, Telephone: (301) 975-2803, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(c) Decorative, ornamental, and miniature objects having the appearance, shape and/or configuration of a firearm, including those intended to be displayed on a desk or worn on bracelets, necklaces, key chains, and so on, provided that the objects measure no more than thirty-eight (38) millimeters in height by seventy (70) millimeters in length, the length measurement excluding any gun stock length measurement.

[57 FR 48453, Oct. 26, 1992, as amended at 69 FR 18803, Apr. 9, 2004. Redesignated and amended at 78 FR 4765, Jan. 23, 2013]

§ 272.2 Prohibitions.

No person shall manufacture, enter into commerce, ship, transport, or receive any toy, look-alike, or imitation firearm (“device”) covered by this part as set forth in § 272.1 unless such device contains, or has affixed to it, one of the markings set forth in § 272.3, or unless this prohibition has been waived by § 272.4.

[78 FR 4765, Jan. 23, 2013]

§ 272.3 Approved markings.

The following markings are approved by the Secretary of Commerce:

(a) A blaze orange (Fed-Std-595B 12199) or orange color brighter than that specified by the federal standard color number, solid plug permanently affixed to the muzzle end of the barrel as an integral part of the entire device and recessed no more than 6 millimeters from the muzzle end of the barrel.

(b) A blaze orange (Fed-Std-595B 12199) or orange color brighter than that specified by the Federal Standard color number, marking permanently affixed to the exterior surface of the

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barrel, covering the circumference of the barrel from the muzzle end for a depth of at least 6 millimeters.

(c) Construction of the device entirely of transparent or translucent materials which permits unmistakable observation of the device's complete contents.

(d) Coloration of the entire exterior surface of the device in white, bright red, bright orange, bright yellow, bright green, bright blue, bright pink, or bright purple, either singly or as the predominant color in combination with other colors in any pattern.

(e) This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of Federal Standard 595B, December 1989, color number 12199 (Fed-Std-595B 12199), may be obtained from the General Services Administration at General Acquisition Service, FAS Office of General Supplies and Services, Engineering and Cataloging Division (QSDEC) Arlington, VA 22202 or at the General Services Administration Web site at: <http://apps.fas.gsa.gov/pub/fedspecs/>. A copy may be inspected in the Office of the Chief Counsel for NIST, National Institute of Standards and Technology, Telephone: (301) 975-2803 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/

code_of_federal_regulations/ibr_locations.html.

[54 FR 19358, May 5, 1989, as amended at 57 FR 48454, Oct. 26, 1992; 69 FR 18803, Apr. 9, 2004. Redesignated and amended at 78 FR 4765, Jan. 23, 2013]

§ 272.4 Waiver.

The prohibitions set forth in § 272.2 may be waived for any toy, look-alike or imitation firearm that will be used only in the theatrical, movie or television industry. A request for such a waiver should be made, in writing, to the Chief Counsel for NIST, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 1052, Gaithersburg, Maryland 20899-1052. The request must include a sworn affidavit which states that the toy, look-alike, or imitation firearm will be used only in the theatrical, movie or television industry. A sample of the item must be included with the request.

[78 FR 4765, Jan. 23, 2013]

§ 272.5 Preemption.

In accordance with section 4(g) of the Federal Energy Management Improvement Act of 1988 (15 U.S.C. 5001(g)), the provisions of section 4(a) of that Act and the provisions of this part supersede any provision of State or local laws or ordinances which provides for markings or identification inconsistent with the provisions of section 4 of that Act or the provisions of this part.

[54 FR 19358, May 5, 1989. Redesignated at 78 FR 4765, Jan. 23, 2013]

SUBCHAPTER I—METRIC CONVERSION POLICY FOR FEDERAL AGENCIES

PART 273—METRIC CONVERSION POLICY FOR FEDERAL AGENCIES

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AUTHORITY: 15 U.S.C. 1512 and 3710, 15 U.S.C. 205a, DOO 30-2A.

SOURCE: 56 FR 160, Jan. 2, 1991, unless otherwise noted. Redesignated at 56 FR 41283, Aug. 20, 1991, and further redesignated at 78 FR 4766, Jan. 23, 2013.

§ 273.1 Purpose.

To provide policy direction for Federal agencies in their transition to use of the metric system of measurement.

§ 273.2 Definition.

Metric system means the International System of Units (SI) established by the General Conference of Weights and Measures in 1960, as interpreted or modified from time to time for the United States by the Secretary of Commerce under the authority of the Metric Conversion Act of 1975 and the Metric Education Act of 1978.

Other business-related activities means measurement sensitive commercial or business directed transactions or programs, *i.e.*, standard or specification development, publications, or agency statements of general applicability and future effect designed to implement, interpret, or prescribe law or policy or describing the procedure or practice requirements of an agency. “Measurement sensitive” means the choice of measurement unit is a critical component of the activity, *i.e.*, an agency rule/regulation to collect samples or measure something at specific distances or to specific depths, specifications requiring intake or discharge of a product to certain volumes or flow rates, guidelines for clearances between objects for safety, security or environmental purposes, etc.

§ 273.3 General policy.

The Omnibus Trade and Competitive-ness Act of 1988 (Pub. L. 100-418, section 5164) amended the Metric Conversion Act of 1975 to, among other things, require that each Federal agency, by a date certain and to the extent economically feasible by the end of the fiscal year 1992, use the metric system of measurement in its procurements, grants, and other business-related activities, except to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms, such as when foreign competitors are producing competing products in non-metric units.

(a) The Director of the National Institute of Standards and Technology will assist in coordinating the efforts of Federal agencies in meeting their obligations under the Metric Conversion Act, as amended.

(b) Federal agencies shall coordinate and plan for the use of the metric system in their procurements, grants and other business-related activities consistent with the requirements of the Metric Conversion Act, as amended. Federal agencies shall encourage and support an environment which will facilitate the transition process. When taking initiatives, they shall give due consideration to known effects of their actions on State and local governments and the private sector, paying particular attention to effects on small business.

(c) Each Federal agency shall be responsible for developing plans, establishing necessary organizational structure, and allocating appropriate resources to carry out this policy.

[56 FR 160, Jan. 2, 1991. Redesignated at 56 FR 41283, Aug. 20, 1991, and further redesignated and amended at 78 FR 4766, Jan. 23, 2013]

§ 273.4 Guidelines.

Each agency shall:

(a) Establish plans and dates for use of the metric system in procurements, grants and other business-related activities;

(b) Coordinate metric transition plans with other Federal agencies, State and local governments and the private sector;

(c) Require maximum practical use of metric in areas where Federal procurement and activity represents a predominant influence on industry standards (e.g.: weapon systems or space exploration). Strongly encourage metrication in industry standards where Federal procurement and activity is not the predominant influence, consistent with the legal status of the metric system as *the preferred system of weights and measures for United States trade and commerce*;

(d) Assist in resolving metric-related problems brought to the attention of the agency that are associated with agency actions, activities or programs undertaken in compliance with these guidelines or other laws or regulations;

(e) Identify measurement-sensitive agency policies and procedures and ensure that regulations, standards, specifications, procurement policies and appropriate legislative proposals are updated to remove barriers to transition to the metric system;

(f) Consider cost effects of metric use in setting agency policies, programs and actions and determine criteria for the assessment of their economic feasibility. Such criteria should appropriately weigh both agency costs and national economic benefits related to changing to the use of metric;

(g) Provide for full public involvement and timely information about significant metrication policies, programs and actions;

(h) Seek out ways to increase understanding of the metric system of measurement through educational information and guidance and in agency publications;

(i) Consider, particularly, the effects of agency metric policies and practices on small business; and

(j) Consistent with the Federal Acquisition Regulation System (48 CFR), accept, without prejudice, products and services dimensioned in metric when they are offered at competitive prices and meet the needs of the Government,

and ensure that acquisition planning considers metric requirements.

§ 273.5 Recommendations for agency organization.

Each agency shall:

(a) Participate, as appropriate, in the Interagency Council on Metric Policy (ICMP), and/or its working committee, the Metrication Operating Committee (MOC), in coordinating and providing policy guidance for the U.S. Government's transition to use of the metric system.

(b) Designate a senior policy official to be responsible for agency metric policy and to represent the agency on the ICMP.

(c) Designate an appropriate official to represent the agency on the Metrication Operating Committee (MOC), an interagency committee reporting to the ICMP.

(d) Maintain liaison with private sector groups (such as the American National Metric Council and the U.S. Metric Association) that are involved in planning for or coordinating National transition to the metric system.

(e) Provide for internal guidelines, training and documentation to assure employee awareness and understanding of agency metric policies and programs.

§ 273.6 Reporting requirement.

Each Federal agency shall, as part of its annual budget submission each fiscal year, report to the Congress on the metric implementation actions it has taken during the previous fiscal year. The report will include the agency's implementation plans, with a current timetable for the agency's transition to the metric system, as well as actions planned for the budget year involved to implement fully the metric system, in accordance with this policy. Reporting shall cease for an agency in the fiscal year after it has fully implemented metric usage, as prescribed by the Metric Conversion Act (15 U.S.C. 205b(2).)

§§ 273.7–273.199 [Reserved]

SUBCHAPTER J—ACCREDITATION AND ASSESSMENT PROGRAMS

PART 280—FASTENER QUALITY

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- 280.325 Cumulative listing of recordal information.
- 280.326 Records and files of the United States Patent and Trademark Office.

AUTHORITY: 15 U.S.C. 5401 *et seq.*; Pub. L. 101-592, 104 Stat. 2943, as amended by Pub. L. 104-113, 110 Stat. 775; Pub. L. 105-234, 112 Stat. 1536; and Pub. L. 106-34, 113 Stat. 118.

SOURCE: 61 FR 50558, Sept. 26, 1996, unless otherwise noted.

Subpart A—General

§ 280.1 Description of rule/Delegation of authority.

(a) Description of rule. The Fastener Quality Act (the Act) (15 U.S.C. 5401 *et seq.*, as amended by Public Law 104-113, Public Law 105-234, and Public Law 106-34):

(1) Protects against the sale of mismarked, misrepresented, and counterfeit fasteners; and

(2) Eliminates unnecessary requirements.

(b) Delegations of authority. The Director, National Institute of Standards and Technology has authority to promulgate regulations in this part regarding certification and accreditation. The Secretary of Commerce has delegated concurrent authority to amend the regulations regarding enforcement of the Act, as contained in subpart C of this part, to the Under Secretary for Export Administration. The Secretary of Commerce has also delegated concurrent authority to amend the regulations regarding record of insignia, as contained in subpart D of this part, to the Under Secretary for Intellectual Property and Director of the United States Patent and Trademark Office.

[65 FR 39801, June 28, 2000]

§ 280.2 Definitions used in this subpart.

In addition to the definitions provided in 15 U.S.C. 5402, the following definitions are applicable to this part:

Abandonment of the Application. The application for registration of a trademark on the Principal Register is no longer pending at the United States Patent and Trademark Office.

Act. The Fastener Quality Act (15 U.S.C. 5401 *et seq.*, as amended by Pub. L. 104-113, Pub. L. 105-234, and Public Law 106-34).

Administrative law judge (ALJ). The person authorized to conduct hearings in administrative enforcement proceedings brought under the Act.

Assistant Secretary. The Assistant Secretary for Export Enforcement, Bureau of Export Administration.

Department. The United States Department of Commerce, specifically, the Bureau of Export Administration, NIST and the Patent and Trademark Office.

Director, NIST. The Director of the National Institute of Standards and Technology.

Director, USPTO. The Under Secretary for Intellectual Property and Director of the United States Patent and Trademark Office.

Fastener Insignia Register. The register of recorded fastener insignias maintained by the Director.

Final decision. A decision or order assessing a civil penalty or otherwise disposing of or dismissing a case, which is not subject to further review under this part, but which is subject to collection proceedings or judicial review in an appropriate Federal district court as authorized by law.

Initial decision. A decision of the administrative law judge which is subject to review by the Under Secretary for Export Administration, but which becomes the final decision of the Department in the absence of such an appeal.

Party. The Department and any person named as a respondent under this part.

Principal Register. The register of trademarks established under 15 U.S.C. 1051.

Respondent. Any person named as the subject of a charging letter, proposed

charging letter, or other order proposed or issued under this part.

Revisions includes changes made to existing ISO/IEC Guides or other documents, and redesignations of those Guides or documents.

Under Secretary. The Under Secretary for Export Administration, United States Department of Commerce.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39801, June 28, 2000]

Subpart B—Petitions, Affirmations, and Laboratory Accreditation

SOURCE: 65 FR 39801, June 28, 2000, unless otherwise noted.

§ 280.101 Petitions for approval of documents.

(a) *Certification.* (1) A person publishing a document setting forth guidance or requirements for the certification of manufacturing systems as fastener quality assurance systems by an accredited third party may petition the Director, NIST, to approve such document for use as described in section 3(7)(B)(iii)(I) of the Act (15 U.S.C. 5402(7)(B)(iii)(I)).

(2) Petitions should be submitted to: FQA Document Certification, NIST, 100 Bureau Drive, Gaithersburg, MD 20899.

(3) The Director, NIST, shall approve such petition if the document provides equal or greater rigor and reliability as compared to ISO/IEC Guide 62, including revisions from time to time. A petition shall contain sufficient information to allow the Director, NIST, to make this determination.

(b) *Accreditation.* (1) A person publishing a document setting forth guidance or requirements for the approval of accreditation bodies to accredit third parties described in paragraph (a) of this section may petition the Director, NIST, to approve such document for use as described in section 3(7)(B)(iii)(I) of the Act (15 U.S.C. 5402(7)(B)(iii)(I)).

(2) Petitions should be submitted to: FQA Document Certifications, NIST, 100 Bureau Drive, Gaithersburg, MD 20899.

(3) The Director, NIST, shall approve such petition if the document provides equal or greater rigor and reliability as

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compared to ISO/IEC Guide 61, including revisions from time to time. A petition shall contain sufficient information to allow the Director, NIST, to make this determination.

(c) *Laboratory accreditation.* (1) A person publishing a document setting forth guidance or requirements for the accreditation of laboratories may petition the Director, NIST, to approve such document for use as described in section 3(1)(A) of the Act (15 U.S.C. 5402(1)(A)).

(2) Petitions should be submitted to: FQA Document Certifications, NIST, 100 Bureau Drive, Gaithersburg, MD 20899.

(3) The Director, NIST, shall approve such petition if the document provides equal or greater rigor and reliability as compared to ISO/IEC Guide 25, including revisions from time to time. A petition shall contain sufficient information to allow the Director, NIST, to make this determination.

(d) *Approval of accreditation bodies.* (1) A person publishing a document setting forth guidance or requirements for the approval of accreditation bodies to accredit laboratories may petition the Director, NIST, to approve such document for use as described in section 3(1)(B) of the Act (15 U.S.C. 5402(1)(B)).

(2) Petitions should be submitted to: FQA Document Certifications, NIST, 100 Bureau Drive, Gaithersburg, MD 20899.

(3) The Director, NIST, shall approve such petition if the document provides equal or greater rigor and reliability as compared to ISO/IEC Guide 58, including revisions from time to time. A petition shall contain sufficient information to allow the Director, NIST, to make this determination.

(e) Electronic copies of ISO/IEC Guides may be purchased through the American National Standards Institute (ANSI), Internet: <http://www.ansi.org>. Copies of the relevant ISO/IEC Guides are available for inspection in the U.S. Department of Commerce Reading Room, 14th Street and Constitution Avenue, NW, Washington, DC 20230, Room B-399.

§ 280.102 Affirmations.

(a)(1) An accreditation body accrediting third parties who certify manu-

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facturing systems as fastener quality assurance systems as described in section 3(7)(B)(iii)(I) of the Act (15 U.S.C. 5402(7)(B)(iii)(I)) shall affirm to the Director, NIST, that it meets the requirements of ISO/IEC Guide 61 (or another document approved by the Director, NIST, under section 10(b) of the Act (15 U.S.C. 5411a(b)) and § 280.101(a) of this part), including revisions from time to time.

(2) An accreditation body accrediting laboratories as described in section 3(1)(B) of the Act (15 U.S.C. 5402(1)(B)) shall affirm to the Director, NIST, that it meets the requirements of ISO/IEC Guide 58 (or another document approved by the Director, NIST, under section 10(d) of the Act (15 U.S.C. 5411a(d)) and § 280.101(d) of this part), including revisions from time to time.

(b) An affirmation required under paragraph (a)(1) or (a)(2) of this section shall take the form of a self-declaration that the accreditation body meets the requirements of the applicable Guide, signed by an authorized representative of the accreditation body. No supporting documentation is required.

(c) Affirmations should be submitted to: FQA Document Certifications, NIST, 100 Bureau Drive, Gaithersburg, MD 20899.

(d) Any affirmation submitted in accordance with this section shall be considered to be a continuous affirmation that the accreditation body meets the requirements of the applicable Guide, unless and until the affirmation is withdrawn by the accreditation body.

§ 280.103 Laboratory accreditation.

A laboratory may be accredited by any laboratory accreditation program that may be established by any entity or entities, which have affirmed to the Director, NIST, under § 280.102 of this subpart, or by the National Voluntary Laboratory Accreditation Program for fasteners, established by the Director, NIST, under part 285 of this chapter.

Subpart C—Enforcement

SOURCE: 61 FR 50558, Sept. 26, 1996, unless otherwise noted. Redesignated at 65 FR 39802, June 28, 2000.

§ 280.200 Scope.

Section 280.201 of this part specifies that failure to take any action required by or taking any action prohibited by this part constitutes a violation of this part. Section 280.202 describes the penalties that may be imposed for violations of this part. Sections 280.204 through 280.222 establish the procedures for imposing administrative penalties for violations of this part.

[65 FR 39802, June 28, 2000]

§ 280.201 Violations.

(a) *Engaging in prohibited conduct.* No person may engage in any conduct prohibited by or contrary to, or refrain from engaging in any action required by the Act, this part, or any order issued thereunder.

(b) *Sale of fasteners.* It shall be unlawful for a manufacturer or distributor, in conjunction with the sale or offer for sale of fasteners from a single lot, to knowingly misrepresent or falsify—

(1) The record of conformance for the lot of fasteners;

(2) The identification, characteristics, properties, mechanical or performance marks, chemistry, or strength of the lot of fasteners; or

(3) The manufacturers' insignia.

(c) *Manufacturers' insignia.* Unless the specifications provide otherwise, fasteners that are required by the applicable consensus standard or standards to bear an insignia identifying their manufacturer shall not be offered for sale or sold in commerce unless

(1) The fasteners bear such insignia; and

(2) The manufacturer has complied with the insignia recordation requirements established under 15 U.S.C. 5407(b).

[61 FR 50558, Sept. 26, 1996, as amended at 63 FR 18275, Apr. 14, 1998; 63 FR 34965, June 26, 1998; 63 FR 51526, Sept. 28, 1998. Redesignated and amended at 65 FR 39802, June 28, 2000]

§ 280.202 Penalties, remedies, and sanctions.

(a) *Civil remedies.* The Attorney General may bring an action in an appropriate United States district court for declaratory and injunctive relief against any person who violates the

Act or any regulation issued thereunder. Such action may not be brought more than 10 years after the cause of action accrues.

(b) *Civil penalties.* Any person who is determined, after notice and opportunity for a hearing, to have violated the Act or any regulation issued thereunder shall be liable to the United States for a civil penalty of not more than \$25,000 for each violation.

(c) *Criminal penalties.* (1) Whoever knowingly certifies, marks, offers for sale, or sells a fastener in violation of the Act or a regulation issued thereunder shall be fined under title 18, United States Code, or imprisoned not more than 5 years, or both.

(2) Whoever intentionally fails to maintain records relating to a fastener in violation of the Act or a regulation issued thereunder shall be fined under title 18, United States Code, or imprisoned not more than five years or both.

(3) Whoever negligently fails to maintain records relating to a fastener in violation of the Act or a regulation issued thereunder shall be fined under title 18, United States Code, or imprisoned not more than two years or both.

§ 280.203 Administrative enforcement proceedings.

Sections 280.204 through 280.222 set forth the procedures for imposing administrative penalties for violations of the Act and this part.

[65 FR 39802, June 28, 2000]

§ 280.204 Institution of administrative enforcement proceedings.

(a) *Charging letters.* The Director of the Office of Export Enforcement (OEE) may begin administrative enforcement proceedings under this part by issuing a charging letter. The charging letter shall constitute the formal complaint and will state that there is reason to believe that a violation of this part has occurred. It will set forth the essential facts about each alleged violation, refer to the specific regulatory or other provisions involved, and give notice of the sanctions available under the Act and this part. The charging letter will inform the respondent that failure to answer the charges as provided in § 280.207 of this part will be treated as a default under

§ 280.205

§ 280.208 of this part, that the respondent is entitled to a hearing if a written demand for one is requested with the answer, and that the respondent may be represented by counsel, or by other authorized representative. A copy of the charging letter shall be filed with the administrative law judge, which filing shall toll the running of the applicable statute of limitations. Charging letters may be amended or supplemented at any time before an answer is filed, or, with permission of the administrative law judge, afterwards. The Department may unilaterally withdraw charging letters at any time, by notifying the respondent and the administrative law judge.

(b) *Notice of issuance of charging letter instituting administrative enforcement proceeding.* A respondent shall be notified of the issuance of a charging letter, or any amendment or supplement thereto:

(1) By mailing a copy by registered or certified mail addressed to the respondent at the respondent's last known address;

(2) By leaving a copy with the respondent or with an officer, a managing or general agent, or any other agent authorized by appointment or by law to receive service of process for the respondent; or

(3) By leaving a copy with a person of suitable age and discretion who resides at the respondent's last known dwelling.

(4) Delivery of a copy of the charging letter, if made in the manner described in paragraph (b)(2) or (3) of this section, shall be evidenced by a certificate of service signed by the person making such service, stating the method of service and the identity of the person with whom the charging letter was left. The certificate of service shall be filed with the administrative law judge.

(c) *Date.* The date of service of notice of the issuance of a charging letter instituting an administrative enforcement proceeding, or service of notice of the issuance of a supplement or amendment to a charging letter, is the date of its delivery, or of its attempted delivery if delivery is refused.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

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§ 280.205 Representation.

A respondent individual may appear and participate in person, a corporation by a duly authorized officer or employee, and a partnership by a partner. If a respondent is represented by counsel, counsel shall be a member in good standing of the bar of any State, Commonwealth or Territory of the United States, or of the District of Columbia, or be licensed to practice law in the country in which counsel resides if not the United States. A respondent personally, or through counsel or other representative who has the power of attorney to represent the respondent, shall file a notice of appearance with the administrative law judge. The Department will be represented by the Office of Chief Counsel for Export Administration, U.S. Department of Commerce.

§ 280.206 Filing and service of papers other than charging letter.

(a) *Filing.* All papers to be filed shall be addressed to "FQA Administrative Enforcement Proceedings," at the address set forth in the charging letter, or such other place as the administrative law judge may designate. Filing by United States mail, first class postage prepaid, by express or equivalent parcel delivery service, or by hand delivery, is acceptable. Filing by mail from a foreign country shall be by airmail. In addition, the administrative law judge may authorize filing of papers by facsimile or other electronic means, provided that a hard copy of any such paper is subsequently filed. A copy of each paper filed shall be simultaneously served on each party.

(b) *Service.* Service shall be made by personal delivery or by mailing one copy of each paper to each party in the proceeding. Service by delivery service or facsimile, in the manner set forth in paragraph (a) of this section, is acceptable. Service on the Department shall be addressed to the Chief Counsel for Export Administration, Room H-3839, U.S. Department of Commerce, 14th Street and Constitution Avenue, NW., Washington, DC 20230. Service on a respondent shall be to the address to which the charging letter was sent or to such other address as respondent

may provide. When a party has appeared by counsel or other representative, service on counsel or other representative shall constitute service on that party.

(c) *Date.* The date of filing or service is the day when the papers are deposited in the mail or are delivered in person, by delivery service, or by facsimile.

(d) *Certificate of service.* A certificate of service signed by the party making service, stating the date and manner of service, shall accompany every paper, other than the charging letter, filed and served on parties.

(e) *Computing period of time.* In computing any period of time prescribed or allowed by this part or by order of the administrative law judge or the Under Secretary, the day of the act, event, or default from which the designated period of time begins to run is not to be included. The last day of the period so computed is to be included unless it is a Saturday, a Sunday, or a legal holiday (as defined in Rule 6(a) of the Federal Rules of Civil Procedure), in which case the period runs until the end of the next day which is neither a Saturday, a Sunday, nor a legal holiday. Intermediate Saturdays, Sundays, and legal holidays are excluded from the computation when the period of time prescribed or allowed is seven days or less.

§ 280.207 Answer and demand for hearing.

(a) *When to answer.* The respondent must answer the charging letter within 30 days after being served with notice of the issuance of a charging letter instituting an administrative enforcement proceeding, or within 30 days of notice of any supplement or amendment to a charging letter, unless time is extended under § 280.217 of this part.

(b) *Contents of answer.* The answer must be responsive to the charging letter and must fully set forth the nature of the respondent's defense or defenses. The answer must admit or deny specifically each separate allegation of the charging letter; if the respondent is without knowledge, the answer must so state and will operate as a denial. Failure to deny or controvert a particular allegation will be deemed an admission

of that allegation. The answer must also set forth any additional or new matter the respondent believes supports a defense or claim of mitigation. Any defense or partial defense not specifically set forth in the answer shall be deemed waived, and evidence thereon may be refused, except for good cause shown.

(c) *Demand for hearing.* If the respondent desires a hearing, a written demand for one must be submitted with the answer. Any demand by the Department for a hearing must be filed with the administrative law judge within 30 days after service of the answer. Failure to make a timely written demand for a hearing shall be deemed a waiver of the party's right to a hearing, except for good cause shown. If no party demands a hearing, the matter will go forward in accordance with the procedures set forth in § 280.216 of this part.

(d) *English language required.* The answer, all other papers, and all documentary evidence must be submitted in English, or translations into English must be filed and served at the same time.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

§ 280.208 Default.

(a) *General.* Failure of the respondent to file an answer within the time provided constitutes a waiver of the respondent's right to appear and contest the allegations in the charging letter. In such event, the administrative law judge, on the Department's motion and without further notice to the respondent, shall find the facts to be as alleged in the charging letter and render an initial decision containing findings of fact and appropriate conclusions of law and issue an initial decision and order imposing appropriate sanctions. The decision and order may be appealed to the Under Secretary in accordance with the applicable procedures set forth in § 280.222 of this part.

(b) *Petition to set aside default—(1) Procedure.* Upon petition filed by a respondent against whom a default order has been issued, which petition is accompanied by an answer meeting the requirements of 280.207(b) of this part, the Under Secretary may, after giving all parties an opportunity to comment,

§ 280.209

and for good cause shown, set aside the default and vacate the order entered thereon and remand the matter to the administrative law judge for further proceedings.

(2) *Time limits.* A petition under this section must be made within one year of the date of entry of the order which the petition seeks to have vacated.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, 39803, June 28, 2000]

§ 280.209 Summary decision.

At any time after a proceeding has been initiated, a party may move for a summary decision disposing of some or all of the issues. The administrative law judge may render an initial decision and issue an order if the entire record shows, as to the issue(s) under consideration:

(a) That there is no genuine issue as to any material fact; and

(b) That the moving party is entitled to a summary decision as a matter of law.

§ 280.210 Discovery.

(a) *General.* The parties are encouraged to engage in voluntary discovery regarding any matter, not privileged, which is relevant to the subject matter of the pending proceeding. The provisions of the Federal Rules of Civil Procedure relating to discovery apply to the extent consistent with this part and except as otherwise provided by the administrative law judge or by waiver or agreement of the parties. The administrative law judge may make any order which justice requires to protect a party or person from annoyance, embarrassment, oppression, or undue burden or expense. These orders may include limitations on the scope, method, time and place of discovery, and provisions for protecting the confidentiality of classified or otherwise sensitive information.

(b) *Interrogatories and requests for admission or production of documents.* A party may serve on any party interrogatories, requests for admission, or requests for production of documents for inspection and copying, and a party concerned may apply to the administrative law judge for such enforcement or protective order as that party deems warranted with respect to such dis-

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covery. The service of a discovery request shall be made at least 20 days before the scheduled date of the hearing unless the administrative law judge specifies a shorter time period. Copies of interrogatories, requests for admission and requests for production of documents and responses thereto shall be served on all parties, and a copy of the certificate of service shall be filed with the administrative law judge. Matters of fact or law of which admission is requested shall be deemed admitted unless, within a period designated in the request (at least 10 days after service, or within such additional time as the administrative law judge may allow), the party to whom the request is directed serves upon the requesting party a sworn statement either denying specifically the matters of which admission is requested or setting forth in detail the reasons why the party to whom the request is directed cannot truthfully either admit or deny such matters.

(c) *Depositions.* Upon application of a party and for good cause shown, the administrative law judge may order the taking of the testimony of any person by deposition and the production of specified documents or materials by the person at the deposition. The application shall state the purpose of the deposition and set forth the facts sought to be established through the deposition.

(d) *Enforcement.* The administrative law judge may order a party to answer designated questions, to produce specified documents or things or to take any other action in response to a proper discovery request. If a party does not comply with such an order, the administrative law judge may make a determination or enter any order in the proceeding as the ALJ deems reasonable and appropriate. The ALJ may strike related charges or defenses in whole or in part or may take particular facts relating to the discovery request to which the party failed or refused to respond as being established for purposes of the proceeding in accordance with the contentions of the party seeking discovery. In addition, enforcement by a district court of the United States

may be sought under 15 U.S.C. 5408(b)(6).

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

§ 280.211 Subpoenas.

(a) *Issuance.* Upon the application of any party, supported by a satisfactory showing that there is substantial reason to believe that the evidence would not otherwise be available, the administrative law judge may issue subpoenas requiring the attendance and testimony of witnesses and the production of such books, records or other documentary or physical evidence for the purpose of the hearing, as the ALJ deems relevant and material to the proceedings, and reasonable in scope. Witnesses summoned shall be paid the same fees and mileage that are paid to witnesses in the courts of the United States. In case of contempt or refusal to obey a subpoena served upon any person pursuant to this paragraph, the district court of the United States for any district in which such person is found, resides, or transacts business, upon application by the United States and after notice to such person, shall have jurisdiction to issue an order requiring such person to appear and give testimony before the administrative law judge or to appear and produce documents before the administrative law judge, or both, and any failure to obey such order of the court may be punished by such court as contempt thereof.

(b) *Service.* Subpoenas issued by the administrative law judge may be served in any of the methods set forth in § 280.206(b) of this part.

(c) *Timing.* Applications for subpoenas must be submitted at least 10 days before the scheduled hearing or deposition, unless the administrative law judge determines, for good cause shown, that extraordinary circumstances warrant a shorter time.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

§ 280.212 Matter protected against disclosure.

(a) *Protective measures.* The administrative law judge may limit discovery or introduction of evidence or issue

such protective or other orders as in the ALJ's judgment may be needed to prevent undue disclosure of classified or sensitive documents or information. Where the administrative law judge determines that documents containing the classified or sensitive matter need to be made available to a party to avoid prejudice, the ALJ may direct that an unclassified and/or nonsensitive summary or extract of the documents be prepared. The administrative law judge may compare the extract or summary with the original to ensure that it is supported by the source document and that it omits only so much as must remain undisclosed. The summary or extract may be admitted as evidence in the record.

(b) *Arrangements for access.* If the administrative law judge determines that this procedure is unsatisfactory and that classified or otherwise sensitive matter must form part of the record in order to avoid prejudice to a party, the administrative law judge may provide the parties an opportunity to make arrangements that permit a party or a representative to have access to such matter without compromising sensitive information. Such arrangements may include obtaining security clearances or giving counsel for a party access to sensitive information and documents subject to assurances against further disclosure, including a protective order, if necessary.

§ 280.213 Prehearing conference.

(a) The administrative law judge, on his or her own motion or on request of a party, may direct the parties to participate in a prehearing conference, either in person or by telephone, to consider:

- (1) Simplification of issues;
- (2) The necessity or desirability of amendments to pleadings;
- (3) Obtaining stipulations of fact and of documents to avoid unnecessary proof; or

(4) Such other matters as may expedite the disposition of the proceedings.

(b) The administrative law judge may order the conference proceedings to be recorded electronically or taken by a reporter, transcribed and filed with the ALJ.

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(c) If a prehearing conference is impracticable, the administrative law judge may direct the parties to correspond with the ALJ to achieve the purposes of such a conference.

(d) The administrative law judge will prepare a summary of any actions agreed on or taken pursuant to this section. The summary will include any written stipulations or agreements made by the parties.

§ 280.214 Hearings.

(a) *Scheduling.* The administrative law judge, by agreement with the parties or upon notice to all parties of not less than 30 days, will schedule a hearing. All hearings will be held in Washington, DC., unless the administrative law judge determines, for good cause shown, that another location would better serve the interests of justice.

(b) *Hearing procedure.* Hearings will be conducted in a fair and impartial manner by the administrative law judge, who may limit attendance at any hearing or portion thereof to the parties, their representatives and witnesses if the administrative law judge deems this necessary or advisable in order to protect sensitive matter (see § 280.212 of this part) from improper disclosure. The rules of evidence prevailing in courts of law do not apply, and all evidentiary material deemed by the administrative law judge to be relevant and material to the proceeding and not unduly repetitious will be received and given appropriate weight.

(c) *Testimony and record.* Witnesses will testify under oath or affirmation. A verbatim record of the hearing and of any other oral proceedings will be taken by reporter or by electronic recording, transcribed and filed with the administrative law judge. A respondent may examine the transcript and may obtain a copy by paying any applicable costs. Upon such terms as the administrative law judge deems just, the ALJ may direct that the testimony of any person be taken by deposition and may admit an affidavit or declaration as evidence, provided that any affidavits or declarations have been filed and served on the parties sufficiently in advance of the hearing to permit a party to file and serve an objection thereto on the grounds that it is necessary that

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the affiant or declarant testify at the hearing and be subject to cross-examination.

(d) *Failure to appear.* If a party fails to appear in person or by counsel at a scheduled hearing, the hearing may nevertheless proceed, and that party's failure to appear will not affect the validity of the hearing or any proceedings or action taken thereafter.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

§ 280.215 Interlocutory review of rulings.

(a) At the request of a party, or on the administrative law judge's own initiative, the administrative law judge may certify to the Under Secretary for review a ruling that does not finally dispose of a proceeding, if the administrative law judge determines that immediate review may hasten or facilitate the final disposition of the matter.

(b) Upon certification to the Under Secretary of the interlocutory ruling for review, the parties will have 10 days to file and serve briefs stating their positions, and five days to file and serve replies, following which the Under Secretary will decide the matter promptly.

§ 280.216 Proceeding without a hearing.

If the parties have waived a hearing, the case will be decided on the record by the administrative law judge. Proceeding without a hearing does not relieve the parties from the necessity of proving the facts supporting their charges or defenses. Affidavits or declarations, depositions, admissions, answers to interrogatories and stipulations may supplement other documentary evidence in the record. The administrative law judge will give each party reasonable opportunity to file rebuttal evidence.

§ 280.217 Procedural stipulations; extension of time.

(a) *Procedural stipulations.* Unless otherwise ordered, a written stipulation agreed to by all parties and filed with the administrative law judge will modify any procedures established by this part.

(b) *Extension of time.* (1) The parties may extend any applicable time limitation, by stipulation filed with the administrative law judge before the time limitation expires.

(2) The administrative law judge may, on the judge's own initiative or upon application by any party, either before or after the expiration of any applicable time limitation, extend the time within which to file and serve an answer to a charging letter or do any other act required by this part.

§ 280.218 Decision of the administrative law judge.

(a) *Predecisional matters.* Except for default proceedings under § 280.208 of this part, the administrative law judge will give the parties reasonable opportunity to submit the following, which will be made a part of the record:

(1) Exceptions to any ruling by the judge or to the admissibility of evidence proffered at the hearing;

(2) Proposed findings of fact and conclusions of law;

(3) Supporting legal arguments for the exceptions and proposed findings and conclusions submitted; and

(4) A proposed order.

(b) *Decision and order.* After considering the entire record in the proceeding, the administrative law judge will issue a written initial decision. The decision will include findings of fact, conclusions of law, and findings as to whether there has been a violation of the Act, this part, or any order issued thereunder. If the administrative law judge finds that the evidence of record is insufficient to sustain a finding that a violation has occurred with respect to one or more charges, the ALJ shall order dismissal of the charges in whole or in part, as appropriate. If the administrative law judge finds that one or more violations have been committed, the ALJ may issue an order imposing administrative sanctions, as provided in this part. The decision and order shall be served on each party, and shall become effective as the final decision of the Department 30 days after service, unless an appeal is filed in accordance with § 280.222 of this part. In determining the amount of any civil penalty the ALJ shall consider the nature, circumstances and gravity

of the violation and, with respect to the person found to have committed the violation, the degree of culpability, any history of prior violations, the effect on ability to continue to do business, any good faith attempt to achieve compliance, ability to pay the penalty, and such other matters as justice may require.

(c) *Suspension of sanctions.* Any order imposing administrative sanctions may provide for the suspension of the sanction imposed, in whole or in part and on such terms of probation or other conditions as the administrative law judge or the Under Secretary may specify. Any suspension order may be modified or revoked by the signing official upon application by the Department showing a violation of the probationary terms or other conditions, after service on the respondent of notice of the application in accordance with the service provisions of § 280.206 of this part, and with such opportunity for response as the responsible signing official in his/her discretion may allow. A copy of any order modifying or revoking the suspension shall also be served on the respondent in accordance with the provisions of § 280.607 of this part.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, 39803, June 28, 2000]

§ 280.219 Settlement.

(a) *Cases may be settled before service of a charging letter.* In cases in which settlement is reached before service of a charging letter, a proposed charging letter will be prepared, and a settlement proposal consisting of a settlement agreement and order will be submitted to the Assistant Secretary for approval and signature. If the Assistant Secretary does not approve the proposal, he/she will notify the parties and the case will proceed as though no settlement proposal had been made. If the Assistant Secretary approves the proposal, he/she will issue an appropriate order, and no action will be required by the administrative law judge.

(b) *Cases may also be settled after service of a charging letter.* (1) If the case is pending before the administrative law judge, the ALJ shall stay the proceedings for a reasonable period of time, usually not to exceed 30 days,

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upon notification by the parties that they have entered into good faith settlement negotiations. The administrative law judge may, in his/her discretion, grant additional stays. If settlement is reached, a proposal will be submitted to the Assistant Secretary for approval and signature. If the Assistant Secretary approves the proposal, he/she will issue an appropriate order, and notify the administrative law judge that the case is withdrawn from adjudication. If the Assistant Secretary does not approve the proposal, he/she will notify the parties and the case will proceed to adjudication by the administrative law judge as though no settlement proposal had been made.

(2) If the case is pending before the Under Secretary under §280.222 of this part, the parties may submit a settlement proposal to the Under Secretary for approval and signature. If the Under Secretary approves the proposal, he/she will issue an appropriate order. If the Under Secretary does not approve the proposal, the case will proceed to final decision in accordance with Section 280.623 of this part, as appropriate.

(c) Any order disposing of a case by settlement may suspend the administrative sanction imposed, in whole or in part, on such terms of probation or other conditions as the signing official may specify. Any such suspension may be modified or revoked by the signing official, in accordance with the procedures set forth in §280.218(c) of this part.

(d) Any respondent who agrees to an order imposing any administrative sanction does so solely for the purpose of resolving the claims in the administrative enforcement proceeding brought under this part. This reflects the fact that the Department has neither the authority nor the responsibility for instituting, conducting, settling, or otherwise disposing of criminal proceedings. That authority and responsibility is vested in the Attorney General and the Department of Justice.

(e) Cases that are settled may not be reopened or appealed.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, 39803, June 28, 2000]

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§ 280.220 Reopening.

The respondent may petition the administrative law judge within one year of the date of the final decision, except where the decision arises from a default judgment or from a settlement, to reopen an administrative enforcement proceeding to receive any relevant and material evidence which was unknown or unobtainable at the time the proceeding was held. The petition must include a summary of such evidence, the reasons why it is deemed relevant and material, and the reasons why it could not have been presented at the time the proceedings were held. The administrative law judge will grant or deny the petition after providing other parties reasonable opportunity to comment. If the proceeding is reopened, the administrative law judge may make such arrangements as the ALJ deems appropriate for receiving the new evidence and completing the record. The administrative law judge will then issue a new initial decision and order, and the case will proceed to final decision and order in accordance with § 280.222 of this part.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, 39803, June 28, 2000]

§ 280.221 Record for decision and availability of documents.

(a) *General.* The transcript of hearings, exhibits, rulings, orders, all papers and requests filed in the proceedings and, for purposes of any appeal under §280.222 of this part, the decision of the administrative law judge and such submissions as are provided for by §280.623 of this part, will constitute the record and the exclusive basis for decision. When a case is settled after the service of a charging letter, the record will consist of any and all of the foregoing, as well as the settlement agreement and the order. When a case is settled before service of a charging letter, the record will consist of the proposed charging letter, the settlement agreement and the order.

(b) *Restricted access.* On the administrative law judge's own motion, or on the motion of any party, the administrative law judge may direct that there be a restricted access portion of the record for any material in the record to

which public access is restricted by law or by the terms of a protective order entered in the proceedings. A party seeking to restrict access to any portion of the record is responsible for submitting, at the time specified in paragraph (c)(2) of this section, a version of the document proposed for public availability that reflects the requested deletion. The restricted access portion of the record will be placed in a separate file and the file will be clearly marked to avoid improper disclosure and to identify it as a portion of the official record in the proceedings. The administrative law judge may act at any time to permit material that becomes declassified or unrestricted through passage of time to be transferred to the unrestricted access portion of the record.

(c) *Availability of documents*—(1) *Scope.* All charging letters, answers, initial decisions, and orders disposing of a case will be made available for public inspection in the BXA Freedom of Information Records Inspection Facility, U.S. Department of Commerce, Room H-6624, 14th Street and Pennsylvania Avenue, NW, Washington, DC 20230. The complete record for decision, as defined in paragraphs (a) and (b) of this section will be made available on request.

(2) *Timing.* Documents are available immediately upon filing, except for any portion of the record for which a request for segregation is made. Parties that seek to restrict access to any portion of the record under paragraph (b) of this section must make such a request, together with the reasons supporting the claim of confidentiality, simultaneously with the submission of material for the record.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, 39803, June 28, 2000]

§ 280.222 Appeals.

(a) *Grounds.* A party may appeal to the Under Secretary from an order disposing of a proceeding or an order denying a petition to set aside a default or a petition for reopening, on the grounds:

(1) That a necessary finding of fact is omitted, erroneous or unsupported by substantial evidence of record;

(2) That a necessary legal conclusion or finding is contrary to law;

(3) That prejudicial procedural error occurred; or

(4) That the decision or the extent of sanctions is arbitrary, capricious or an abuse of discretion. The appeal must specify the grounds on which the appeal is based and the provisions of the order from which the appeal is taken.

(b) *Filing of appeal.* An appeal from an order must be filed with the Office of the Under Secretary for Export Administration, Bureau of Export Administration, U.S. Department of Commerce, Room H-3898, 14th Street and Constitution Avenue, NW., Washington, DC 20230, within 30 days after service of the order appealed from. If the Under Secretary cannot act on an appeal for any reason, the Under Secretary will designate another Department of Commerce official to receive and act on the appeal.

(c) *Effect of appeal.* The filing of an appeal shall not stay the operation of any order, unless the order by its express terms so provides or unless the Under Secretary, upon application by a party and with opportunity for response, grants a stay.

(d) *Appeal procedure.* The Under Secretary normally will not hold hearings or entertain oral argument on appeals. A full written statement in support of the appeal must be filed with the appeal and be simultaneously served on all parties, who shall have 30 days from service to file a reply. At his/her discretion, the Under Secretary may accept new submissions, but will not ordinarily accept those submissions filed more than 30 days after the filing of the reply to the appellant's first submission.

(e) *Decisions.* The decision will be in writing and will be accompanied by an order signed by the Under Secretary giving effect to the decision. The order may either dispose of the case by affirming, modifying or reversing the order of the administrative law judge or may refer the case back to the administrative law judge for further proceedings.

(f) *Delivery.* The final decision and implementing order shall be served on

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the parties and will be publicly available in accordance with § 280.221 of this part.

(g) *Judicial review.* The charged party may appeal the Under Secretary's written order within 30 days to the appropriate United States District Court pursuant to section 9(b)(3) of the Act (15 U.S.C. 5408(b)(3)) by filing a notice of appeal in such court within 30 days from the date of such order and by simultaneously sending a copy of such notice by certified mail to the Chief Counsel for Export Administration, Room H-3839, U.S. Department of Commerce, 14th Street and Constitution Avenue, NW., Washington, DC 20230. The findings and order of the Under Secretary shall be set aside by such court if they are found to be unsupported by substantial evidence, as provided in section 706(2) of title 5 United States Code.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39802, June 28, 2000]

Subpart D—Recordal of Insignia

§ 280.300 Recorded insignia required prior to offer for sale.

Unless the specifications provide otherwise, if a fastener is required by the applicable consensus standard(s) to bear an insignia identifying its manufacturer, the manufacturer must:

(a) Record the insignia with the U.S. Patent and Trademark Office prior to any sale or offer for sale of the fastener; and

(b) Apply the insignia to any fastener that is sold or offered for sale. The insignia must be readable, and must be applied using the method for applying a permanent insignia that is provided for in the applicable consensus standard(s), or, if the applicable consensus standard(s) do(es) not specify a method for applying a permanent insignia, through any means of imprinting a permanent impression.

[65 FR 39803, June 28, 2000]

THE WRITTEN APPLICATION

§ 280.310 Application for insignia.

(a) Each manufacturer must submit a written application for recordal of an insignia on the Fastener Insignia Reg-

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ister along with the prescribed fee. The application must be in a form prescribed by the Director, USPTO.

(b) The written application must be in the English language and must include the following:

(1) The name of the manufacturer;

(2) The address of the manufacturer;

(3) The entity, domicile, and state of incorporation, if applicable, of the manufacturer;

(4) Either:

(i) A request for recordal and issuance of a unique alphanumeric designation by the Director, USPTO, or

(ii) A request for recordal of a trademark, which is the subject of either a duly filed application or a registration for fasteners in the name of the manufacturer in the U.S. Patent and Trademark Office on the Principal Register, indicating the application serial number or registration number and accompanied by a copy of the drawing that was included with the application for trademark registration, or a copy of the registration;

(5) A statement that the manufacturer will comply with the applicable provisions of the Fastener Quality Act;

(6) A statement that the applicant for recordal is a "manufacturer" as that term is defined in 15 U.S.C. 5402;

(7) A statement that the person signing the application on behalf of the manufacturer has personal knowledge of the facts relevant to the application and that the person possesses the authority to act on behalf of the manufacturer;

(8) A verification stating that the person signing declares under penalty of perjury under the laws of the United States of America that the information and statements included in the application are true and correct; and

(9) The application fee.

(c) A manufacturer may designate only one trademark for recordal on the Fastener Insignia Register in a single application. The trademark application or registration that forms the basis for the fastener recordal must be in active status, that is, a pending application or a registration which is not expired, or canceled, at the time of the application for recordal.

(d) Applications and other documents should be addressed to: Director,

United States Patent and Trademark Office, ATTN: FQA, 600 Dulany Street, MDE-10A71, Alexandria, VA 22314-5793.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, June 28, 2000; 70 FR 50181, Aug. 26, 2005; 72 FR 30704, June 4, 2007]

§ 280.311 Review of the application.

The Director, USPTO, will review the application for compliance with § 280.310. If the application does not contain one or more of the elements required by § 280.310, the Director, USPTO, will not issue a certificate of recordal, and will return the papers and fees. The Director, USPTO, will notify the applicant for recordal of any defect in the application. Applications for recordal of an insignia may be re-submitted to the Director, USPTO, at any time.

[65 FR 39803, June 28, 2000]

§ 280.312 Certificate of recordal.

(a) If the application complies with the requirements of § 280.310, the Director, USPTO, shall accept the application and issue a certificate of recordal. Such certificate shall be issued in the name of the United States of America, under the seal of the United States Patent and Trademark Office, and a record shall be kept in the United States Patent and Trademark Office. The certificate of recordal shall display the recorded insignia of the manufacturer, and state the name, address, legal entity and domicile of the manufacturer, as well as the date of issuance of such certificate.

(b) Certificates that were issued prior to June 8, 1999, shall remain in active status and may be maintained in accordance with the provisions of § 280.320 of this subpart, but only if:

(1) The certificate is held by a manufacturer, and

(2) The fasteners associated with the certificate are fasteners that must bear an insignia pursuant to 15 U.S.C. 5407.

[65 FR 39803, June 28, 2000]

§ 280.313 Recordal of additional insignia.

(a) A manufacturer to whom the Director, USPTO, has issued an alphanumeric designation may apply for recordal of its trademark for fasteners

if the trademark is the subject of a duly filed application or is registered in the United States Patent and Trademark Office on the Principal Register. Upon recordal, either the alphanumeric designation or the trademark, or both, may be used as recorded insignias.

(b) A manufacturer for whom the Director, USPTO, has recorded a trademark as its fastener insignia may apply for issuance and recordal of an alphanumeric designation as a fastener insignia. Upon recordal, either the alphanumeric designation or the trademark, or both, may be used as recorded insignias.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, June 28, 2000]

POST-RECORDAL MAINTENANCE

§ 280.320 Maintenance of the certificate of recordal.

(a) Certificates of recordal remain in an active status for five years and may be maintained in an active status for subsequent five-year periods running consecutively from the date of issuance of the certificate of recordal upon compliance with the requirements of paragraph (c) of this section.

(b) Maintenance applications shall be required only if the holder of the certificate of recordal is a manufacturer at the time the maintenance application is required.

(c) Certificates of recordal will be designated as inactive unless, within six months prior to the expiration of each five-year period running consecutively from the date of issuance, the certificate holder files the prescribed maintenance fee and the maintenance application. The maintenance application must be in the English language and must include the following:

(1) The name of the manufacturer;

(2) The address of the manufacturer;

(3) The entity, domicile, and state of incorporation, if applicable, of the manufacturer;

(4) A copy of manufacturer's certificate of recordal;

(5) A statement that the manufacturer will comply with the applicable provisions of the Fastener Quality Act;

(6) A statement that the applicant for recordal is a "manufacturer" as that term is defined in 15 U.S.C. 5402;

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(7) A statement that the person signing the application on behalf of the manufacturer has knowledge of the facts relevant to the application and that the person possesses the authority to act on behalf of the manufacturer;

(8) A verification stating that the person signing declares under penalty of perjury under the laws of the United States of America that the information and statements included in the application are true and correct; and

(9) The maintenance application fee.

(d) Where no maintenance application is timely filed, a certificate of recordal will be designated inactive. However, such certificate may be designated active if the certificate holder files the prescribed maintenance fee and application and the additional surcharge within six months following the expiration of the certificate of recordal.

(e) After the six-month period following the expiration of the certificate of recordal, the certificate of recordal shall be deemed active only if the certificate holder files a new application for recordal with the prescribed fee for obtaining a fastener insignia and attaches a copy of the expired certificate of recordal.

(f) A separate maintenance application and fee must be filed and paid for each recorded insignia.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, 39804, June 28, 2000]

§ 280.321 Notification of changes of address.

The applicant for recordal or the holder of a certificate of recordal shall notify the Director, USPTO, of any change of address or change of name no later than six months after the change. The holder must do so whether the certificate of recordal is in an active or inactive status.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, 39804, June 28, 2000]

§ 280.322 Transfer or amendment of the certificate of recordal.

(a) The certificate of recordal cannot be transferred or assigned.

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(b) The certificate of recordal may be amended only to show a change of name or change of address.

[61 FR 50558, Sept. 26, 1996. Redesignated at 65 FR 39803, June 28, 2000]

§ 280.323 Transfer or assignment of the trademark registration or recorded insignia.

(a) A trademark application or registration which forms the basis of a fastener recordal may be transferred or assigned. Any transfer or assignment of such an application or registration must be recorded in the United States Patent and Trademark Office within three months of the transfer or assignment. A copy of such transfer or assignment must also be sent to: Director, United States Patent and Trademark Office, ATTN: FQA, 600 Dulany Street, MDE-10A71, Alexandria, VA 22314-5793.

(b) Upon transfer or assignment of a trademark application or registration which forms the basis of a certificate of recordal, the Director, USPTO, shall designate the certificate of recordal as inactive. The certificate of recordal shall be deemed inactive as of the effective date of the transfer or assignment. Certificates of recordal designated inactive due to transfer or assignment of a trademark application or registration cannot be reactivated.

(c) An assigned trademark application or registration may form the basis for a new application for recordal of a fastener insignia.

(d) A fastener insignia consisting of an alphanumeric designation issued by the Director, USPTO, can be transferred or assigned.

(e) Upon transfer or assignment of an alphanumeric designation, the Director, USPTO, shall designate such alphanumeric designation as inactive. The alphanumeric designation shall be deemed inactive as of the effective date of the transfer or assignment. Alphanumeric designations which are designated inactive due to transfer or assignment may be reactivated upon application by the assignee of such alphanumeric designation. Such application must meet all the requirements of § 280.310 and must include a copy of the

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pertinent portions of the document assigning rights in the alphanumeric designation. Such application must be filed within six months of the date of assignment.

(f) An alphanumeric designation that is reactivated after it has been transferred or assigned shall remain in active status until the expiration of the five year period that began upon the issuance of the alphanumeric designation to its original owner.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, 39804, June 28, 2000; 72 FR 30704, June 4, 2007]

§ 280.324 Change in status of trademark registration or amendment of the trademark.

(a) The Director, USPTO, shall designate the certificate of recordal as inactive, upon:

(1) Issuance of a final decision on appeal which refuses registration of the application which formed the basis for the certificate of recordal;

(2) Abandonment of the application which formed the basis for the certificate of recordal;

(3) Cancellation or expiration of the trademark registration which formed the basis of the certificate of recordal; or

(4) An amendment of the mark in a trademark application or registration that forms the basis for a certificate of recordal. The certificate of recordal shall become inactive as of the date the amendment is filed. A new application for recordal of the amended trademark application or registration may be submitted to the Commissioner at any time.

(b) Certificates of recordal designated inactive due to cancellation, expiration, or amendment of the trademark registration, or abandonment or amendment of the trademark application, cannot be reactivated.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, 39804, June 28, 2000]

§ 280.325 Cumulative listing of recordal information.

The Director, USPTO, shall maintain a record of the names, current addresses, and legal entities of all recorded

manufacturers and their recorded insignia.

[65 FR 39804, June 28, 2000]

§ 280.326 Records and files of the United States Patent and Trademark Office.

The records relating to fastener insignia shall be open to public inspection. Copies of any such records may be obtained upon request and payment of the fee set by the Director, USPTO.

[61 FR 50558, Sept. 26, 1996. Redesignated and amended at 65 FR 39803, 39804, June 28, 2000]

PART 285—NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM

Sec.

285.1 Purpose.

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285.14 Criteria for accreditation.

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AUTHORITY: 15 U.S.C. 272 *et seq.*

SOURCE: 66 FR 29221, May 30, 2001, unless otherwise noted.

§ 285.1 Purpose.

The purpose of part 285 is to set out procedures and general requirements under which the National Voluntary Laboratory Accreditation Program (NVLAP) operates as an unbiased third party to accredit both testing and calibration laboratories. Supplementary technical and administrative requirements are provided in supporting handbooks and documents as needed, depending on the criteria established for specific Laboratory Accreditation Programs (LAPs)

§ 285.2**§ 285.2 Confidentiality.**

To the extent permitted by applicable laws, NVLAP will protect the confidentiality of all information obtained relating to the application, on-site assessment, proficiency testing, evaluation, and accreditation of laboratories.

§ 285.3 Referencing NVLAP accreditation.

The term *NVLAP* (represented by the NVLAP logo) is a federally registered certification mark of the National Institute of Standards and Technology and the federal government, who retain exclusive rights to control the use thereof. Permission to use the term and/or logo is granted to NVLAP-accredited laboratories for the limited purposes of announcing their accredited status, and for use on reports that describe only testing and calibration within the scope of accreditation. NIST reserves the right to control the quality of the use of the term *NVLAP* and of the logo itself.

§ 285.4 Establishment of laboratory accreditation programs (LAPs) within NVLAP.

NVLAP establishes LAPs in response to legislative actions or to requests from private sector entities and government agencies. For legislatively mandated LAPs, NVLAP shall establish the LAP. For requests from private sector entities and government agencies, the Chief of NVLAP shall analyze each request, and, after consultation with interested parties through public workshops or other means to ensure open participation, shall establish the requested LAP, if the Chief of NVLAP determines there is need for the requested LAP.

[66 FR 29221, May 30, 2001, as amended at 76 FR 78815, Dec. 20, 2011]

§ 285.5 Termination of a LAP.

(a) The Chief of NVLAP may terminate a LAP when he/she determines that a need no longer exists to accredit laboratories for the services covered under the scope of the LAP. In the event that the Chief of NVLAP proposes to terminate a LAP, a notice will be published in the *FEDERAL REGISTER*

setting forth the basis for that determination.

(b) When a LAP is terminated, NVLAP will no longer grant or renew accreditations following the effective date of termination. Accreditations previously granted shall remain effective until their expiration date unless terminated voluntarily by the laboratory or revoked by NVLAP. Technical expertise will be maintained by NVLAP while any accreditation remains effective.

§ 285.6 Application for accreditation.

A laboratory may apply for accreditation in any of the established LAPs. The applicant laboratory shall provide a completed application to NVLAP, pay all required fees and agree to certain conditions as set forth in the NVLAP Application for Accreditation, and provide a quality manual to NVLAP (or a designated NVLAP assessor) prior to the assessment process.

§ 285.7 Assessment.

(a) *Frequency and scheduling.* Before initial accreditation, during the first renewal year, and every two years thereafter, an on-site assessment of each laboratory is conducted to determine compliance with the NVLAP criteria.

(b) *Assessors.* NVLAP shall select qualified assessors to evaluate all information collected from an applicant laboratory pursuant to § 285.6 of this part and to conduct the assessment on its behalf at the laboratory and any other sites where activities to be covered by the accreditation are performed.

(c) *Conduct of assessment.* (1) Assessors use checklists provided by NVLAP so that each laboratory receives an assessment comparable to that received by others.

(2) During the assessment, the assessor meets with management and laboratory personnel, examines the quality system, reviews staff information, examines equipment and facilities, observes demonstrations of testing or calibrations, and examines tests or calibration reports.

(3) The assessor reviews laboratory records including resumes, job descriptions of key personnel, training, and

competency evaluations for all staff members who routinely perform, or affect the quality of the testing or calibration for which accreditation is sought. The assessor need not be given information which violates individual privacy, such as salary, medical information, or performance reviews outside the scope of the accreditation program. The staff information may be kept in the laboratory's official personnel folders or separate folders that contain only the information that the NVLAP assessor needs to review.

(4) At the conclusion of the assessment, the assessor conducts an exit briefing to discuss observations and any deficiencies with the authorized representative who signed the NVLAP application and other responsible laboratory staff.

(d) *Assessment report.* At the exit briefing, the assessor submits a written report on the compliance of the laboratory with the accreditation requirements, together with the completed checklists, where appropriate.

(e) *Deficiency notification and resolution.* (1) Laboratories are informed of deficiencies during the on-site assessment, and deficiencies are documented in the assessment report (see paragraph (d) of this section).

(2) A laboratory shall, within thirty days of the date of the assessment report, provide documentation that the specified deficiencies have either been corrected and/or a plan of corrective actions as described in the NVLAP handbooks.

(3) If substantial deficiencies have been cited, NVLAP may require an additional on-site assessment, at additional cost to the laboratory, prior to granting accreditation. All deficiencies and resolutions will be subject to thorough review and evaluation prior to an accreditation decision.

(4) After the assessor submits their final report, NVLAP reviews the report and the laboratory's response to determine if the laboratory has met all of the on-site assessment requirements.

§ 285.8 Proficiency testing.

(a) NVLAP proficiency testing is consistent with the provisions contained in ISO/IEC Guide 43 (Parts 1 and 2), Proficiency testing by interlaboratory

comparisons, where applicable, including revisions from time to time. Proficiency testing may be organized by NVLAP itself or a NVLAP-approved provider of services. Laboratories must participate in proficiency testing as specified for each LAP in the NVLAP program handbooks.

(b) *Analysis and reporting.* Proficiency testing data are analyzed by NVLAP and reports of the results are made known to the participants. Summary results are available upon request to other interested parties; e.g., professional societies and standards writing bodies. The identity and performance of individual laboratories are kept confidential.

(c) *Proficiency testing deficiencies.* (1) Unsatisfactory participation in any NVLAP proficiency testing program is a technical deficiency which must be resolved in order to obtain initial accreditation or maintain accreditation.

(2) Proficiency testing deficiencies are defined as, but not limited to, one or more of the following:

(i) Failure to meet specified proficiency testing performance requirements prescribed by NVLAP;

(ii) Failure to participate in a regularly scheduled "round" of proficiency testing for which the laboratory has received instructions and/or materials;

(iii) Failure to submit laboratory control data as required; and

(iv) Failure to produce acceptable test or calibration results when using NIST Standard Reference Materials or special artifacts whose properties are well-characterized and known to NIST/NVLAP.

(3) NVLAP will notify the laboratory of proficiency testing deficiencies and actions to be taken to resolve the deficiencies. Denial or suspension of accreditation will result from failure to resolve deficiencies.

§ 285.9 Granting accreditation.

(a) The Chief of NVLAP is responsible for all NVLAP accreditation actions, including granting, denying, renewing, suspending, and revoking any NVLAP accreditation.

(b) Initial accreditation is granted when a laboratory has met all NVLAP requirements. One of four accreditation renewal dates (January 1, April 1, July

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1, or October 1) is assigned to the laboratory and is usually retained as long as the laboratory remains in the program. Initial accreditation is granted for a period of one year; accreditation expires and is renewable on the assigned date.

(c) Renewal dates may be reassigned to provide benefits to the laboratory and/or NVLAP. If a renewal date is changed, the laboratory will be notified in writing of the change and any related adjustment in fees.

(d) When accreditation is granted, NVLAP shall provide to the laboratory a Certificate of Accreditation and a Scope of Accreditation.

§ 285.10 Renewal of accreditation.

(a) An accredited laboratory must submit both its application for renewal and fees to NVLAP prior to expiration of the laboratory's current accreditation to avoid a lapse in accreditation.

(b) On-site assessments of currently accredited laboratories are performed in accordance with the procedures in § 285.7. If deficiencies are found during the assessment of an accredited laboratory, the laboratory must follow the procedures set forth in § 285.7(e)(2) or face possible suspension or revocation of accreditation.

§ 285.11 Changes to scope of accreditation.

A laboratory may request in writing changes to its Scope of Accreditation. If the laboratory requests additions to its Scope, it must meet all NVLAP criteria for the additional tests or calibrations, types of tests or calibrations, or standards. The need for an additional on-site assessment and/or proficiency testing will be determined on a case-by-case basis.

§ 285.12 Monitoring visits.

(a) In addition to regularly scheduled assessments, monitoring visits may be conducted by NVLAP at any time during the accreditation period. They may occur for cause or on a random selection basis. While most monitoring visits will be scheduled in advance with the laboratory, NVLAP may conduct unannounced monitoring visits.

(b) The scope of a monitoring visit may range from checking a few des-

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ignated items to a complete review. The assessors may review deficiency resolutions, verify reported changes in the laboratory's personnel, facilities, or operations, or administer proficiency testing, when appropriate.

§ 285.13 Denial, suspension, revocation, or termination of accreditation.

(a) A laboratory may at any time voluntarily terminate its participation and responsibilities as an accredited laboratory by advising NVLAP in writing of its desire to do so.

(b) If NVLAP finds that an accredited laboratory does not meet all NVLAP requirements, has violated the terms of its accreditation, or does not continue to comply with the provisions of these procedures, NVLAP may suspend the laboratory's accreditation, or advise of NVLAP's intent to revoke accreditation.

(1) If a laboratory's accreditation is suspended, NVLAP shall notify the laboratory of that action stating the reasons for and conditions of the suspension and specifying the action(s) the laboratory must take to have its accreditation reinstated. Conditions of suspension will include prohibiting the laboratory from using the NVLAP logo on its test or calibration reports, correspondence, or advertising during the suspension period in the area(s) affected by the suspension.

(2) NVLAP will not require a suspended laboratory to return its Certificate and Scope of Accreditation, but the laboratory must refrain from using the NVLAP logo in the area(s) affected until such time as the problem(s) leading to the suspension has been resolved. When accreditation is reinstated, NVLAP will authorize the laboratory to resume testing or calibration activities in the previously suspended area(s) as an accredited laboratory.

(c) If NVLAP proposes to deny or revoke accreditation of a laboratory, NVLAP shall inform the laboratory of the reasons for the proposed denial or revocation and the procedure for appealing such a decision.

(1) The laboratory will have thirty days from the date of receipt of the proposed denial or revocation letter to

appeal the decision to the Director of NIST. If the laboratory appeals the decision to the Director of NIST, the proposed denial or revocation will be stayed pending the outcome of the appeal. The proposed denial or revocation will become final through the issuance of a written decision to the laboratory in the event that the laboratory does not appeal the proposed denial or revocation within the thirty-day period.

(2) If accreditation is revoked, the laboratory may be given the option of voluntarily terminating the accreditation.

(3) A laboratory whose accreditation has been revoked must cease use of the NVLAP logo on any of its reports, correspondence, or advertising related to the area(s) affected by the revocation. If the revocation is total, NVLAP will instruct the laboratory to return its Certificate and Scope of Accreditation and to remove the NVLAP logo from all test or calibration reports, correspondence, or advertising. If the revocation affects only some, but not all of the items listed on a laboratory's Scope of Accreditation, NVLAP will issue a revised Scope that excludes the revoked area(s) in order that the laboratory might continue operations in accredited areas.

(d) A laboratory whose accreditation has been voluntarily terminated, denied or revoked, may reapply and be accredited if the laboratory:

(1) Completes the assessment and evaluation process; and

(2) Meets the NVLAP conditions and criteria for accreditation.

§ 285.14 Criteria for accreditation.

The requirements for laboratories to be recognized by the National Voluntary Laboratory Accreditation Program as competent to carry out tests and/or calibrations are contained in clauses 4 and 5 of ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*, including revisions from time to time.

§ 285.15 Obtaining documents.

(a) Application forms, NVLAP handbooks, and other NVLAP documents and information may be obtained by contacting the NVLAP, National Institute of Standards and Technology, 100

Bureau Drive, Mail Stop 2140, Gaithersburg, Maryland 20899-2140; phone: 301-975-4016; fax: 301-926-2884; e-mail: nvlap@nist.gov.

(b) Copies of all ISO/IEC documents are available for purchase from the American National Standards Institute's eStandards Store at <http://webstore.ansi.org>. You may inspect copies of all applicable ISO/IEC documents at the National Voluntary Laboratory Accreditation Program, National Institute of Standards and Technology, 100 Bureau Drive, Room B115, Gaithersburg, MD. For access to the NIST campus, please contact NVLAP by phone at 301-975-4016 or by e-mail at NVLAP@nist.gov to obtain instructions for visitor registration.

[66 FR 29221, May 30, 2001, as amended at 72 FR 36347, July 3, 2007]

PART 286—NATIONAL VOLUNTARY CONFORMITY ASSESSMENT SYSTEM EVALUATION (NVCASE) PROGRAM

Sec.

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AUTHORITY: 15 U.S.C. 272 *et seq.*

SOURCE: 59 FR 19131, Apr. 22, 1994, unless otherwise noted.

§ 286.1 Purpose.

The purpose of this program is to enable U.S. industry to satisfy mandated foreign technical requirements using the results of U.S.-based conformity assessment programs that perform technical evaluations comparable in their rigor to practices in the receiving country. Under this program, the Department of Commerce, acting through the National Institute of Standards and Technology, evaluates U.S.-based conformity assessment bodies in order to be able to give assurances to a foreign government that qualifying bodies

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meet that government's requirements and can provide results that are acceptable to that government. The program is intended to provide a technically-based U.S. approval process for U.S. industry to gain foreign market access; the acceptability of conformity assessment results to the relevant foreign government will be a matter for agreement between the two governments.

§ 286.2 Scope.

(a) For purposes of this program, conformity assessment consists of product sample testing, product certification, and quality system registration. Associated activities can be classified by level:

(1) *Conformity level*: This level encompasses comparing a product, process, service, or system with a standard or specification. As appropriate, the evaluating body can be a testing laboratory, product certifier or certification body, or quality system registrar.

(2) *Accreditation level*: This level encompasses the evaluation of a testing laboratory, a certification body, or a quality system registrar by an independent body—an accreditation body—based on requirements for the acceptance of these bodies, and the granting of accreditation to those which meet the established requirements.

(3) *Recognition level*: This level encompasses the evaluation of an accreditation body based on requirements for its acceptance, and the recognition by the evaluating body of the accreditation body which satisfies the established requirements.

(b) NIST operates the NVCASE program as follows:

(1) *Conformity level*: Under this program NIST accepts requests for evaluations of U.S. bodies involved in activities related to conformity assessment. NIST does not perform conformity assessments as part of the program and therefore does not accept requests for such evaluations.

(2) *Accreditation level*: NIST accepts requests for accreditation of conformity assessment bodies only when (i) directed by U.S. law; (ii) requested by another U.S. government agency; or (iii) requested to respond to a specific U.S. industrial or technical need, rel-

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ative to a mandatory foreign technical requirement, if it has been determined after public consultation that (A) there is no satisfactory accreditation alternative available and the private sector has declined to make acceptable accreditation available, and (B) there is evidence that significant public disadvantage would result from the absence of any alternative.

(3) *Recognition level*: NIST accepts requests for recognition of bodies that accredit testing laboratories, certification bodies, and quality system registrars when (i) directed by U.S. law; (ii) requested by another U.S. government agency; or (iii) requested to respond to a specific U.S. industrial or technical need relative to a mandatory foreign technical requirement if it has been determined after public consultation that (A) there is no suitable alternative available and (B) there is evidence that significant public disadvantage would result from the absence of any alternative.

§ 286.3 Objective.

The objective of the program is to identify the activities of requesting U.S.-based conformity assessment bodies that have been evaluated as meeting requirements established for their acceptance by foreign governments. The evaluations may be provided by NIST or by bodies recognized by NIST for this purpose under the scope of this program.

§ 286.4 Implementation.

The program is operated on a cost reimbursable basis. It is open for voluntary participation by any U.S.-based body that conducts activities related to conformity assessment falling within the program's scope. A common procedural approach is followed in responding to a request to participate. (See § 286.7 Evaluation process.) All evaluation activities rely on the use of generic program requirements based on standards and guides for the operation and acceptance of activities related to conformity assessment. Specific criteria for use in each evaluation are derived from the program requirements, as appropriate, for the mandated foreign technical requirements specified in the request to participate. A request

involving a foreign technical requirement not previously addressed by NVCASE will result in an announcement of NIST's intent to develop evaluation criteria specific to the relevant requirements. NIST will contact all cognizant and interested federal agencies to coordinate appropriate actions and procedures.

§ 286.5 Program requirements.

NIST provides and maintains documented generic requirements to be applied in evaluations related to accreditation and recognition within the scope of the program. Available documentation is provided on request to prospective program participants and other interested parties. Generic requirements are developed with public input and are based on guides for the acceptance of conformity assessment activities issued by such international organizations as the International Organization for Standardization and the International Electrotechnical Commission. NIST also provides and maintains documented criteria provided in response to requests for evaluations specific to mandated foreign technical requirements. Criteria are developed with public input derived from the application and interpretation of generic program requirements in relation to specified mandated requirements. Both documented generic requirements and specific criteria are developed and maintained with input from the public.

§ 286.6 Public consultation.

NIST relies on substantial advice and technical assistance from all parties interested in program requirements and related specific criteria. Interested U.S. government agencies are routinely to be informed of prospective NVCASE actions, and advice is sought from those agencies on any actions of mutual interest. In preparing program documentation, input is also sought from workshops announced in the FEDERAL REGISTER and open to the general public and other public means to identify appropriate standards and guides and to develop and maintain generic requirements, based on the identified standards and guides. Where relevant Federal advisory committees are available, their advice may also be sought.

Similar procedures will be followed with respect to each request for evaluation which necessitates the development of criteria, derived from the generic requirements, specific to mandated foreign technical requirements.

§ 286.7 Evaluation process.

(a) Each applicant requesting to be evaluated under NVCASE is expected to initiate the process and assume designated responsibilities as NIST proceeds with its evaluation:

(1) *Application.* The applicant completes and submit a request to be evaluated.

(2) *Fee.* The applicant submits a partial payment with the application and agrees to submit the remaining balance based on evaluation costs as a condition for satisfactory completion of the process.

(3) *Documentation.* The applicant operates a system and procedures that meet the applicable generic requirements and specific criteria. Relevant documentation submitted with the application is reviewed by NIST.

(4) *On-site assessment.* The applicant and NIST cooperate in the scheduling and conduct of all necessary on-site evaluations, including the resolution of any deficiencies cited.

(5) *Final review.* The applicant provides any supplementary materials requested by NIST, then NIST completes the review and decides on appropriate action.

(b) NIST may take one of the following actions with regard to an applicant:

(1) *Certificate.* If an applicant fully demonstrates conformity with all program requirements and specific criteria, NIST issues a certificate documenting this finding. Each certificate is accompanied by a document describing the specific scope of the accreditation or recognition.

(2) *Denial.* If an applicant cannot demonstrate conformity with all program requirements and specific criteria, NIST may deny award of the certificate. An applicant who has failed to complete the evaluation satisfactorily may reapply when prepared to demonstrate full conformance with program requirements.

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§ 286.8 Confidentiality of information.

All information collected relative to an applicant during an evaluation is maintained as confidential. Information is released only as required under the terms of the Freedom of Information Act or other legal requirement, subject to the rules of the Department of Commerce for such disclosure as found in 15 CFR part 4.

§ 286.9 Maintaining recognized status.

Each program participant remaining in the program shall continuously meet all program requirements and cooperate with NIST in the conduct of all surveillance and reassessment activities. Participants shall reimburse NIST for expenses incurred for these purposes.

§ 286.10 Appeal.

Any applicant or other affected party may appeal to the NIST Director any action taken under the program. When appropriate, the Director may seek an independent review by the Deputy Chief Counsel.

§ 286.11 Listings.

(a) NIST maintains lists of all bodies holding current NIST program certificates, together with the assessment areas for which they are issued.

(b) NIST also maintains lists of those qualified conformity assessment bodies that are currently accredited by bodies recognized by NIST, along with the activities of the assessment bodies within the scope of the NIST recognition program.

(c) The lists are made available to the public through various media, e.g., printed directories, electronic bulletin boards, or other means to ensure accessibility by all potential users.

(d) With respect to the lists specified in paragraph (a) and (b) of this section, NIST may delist any body if it determines the action to be in the public interest.

§ 286.12 Terminations.

(a) *Voluntary termination.* Any participant may voluntarily terminate participation at any time by written notification to NIST.

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(b) *Involuntary termination.* If a participant does not continue to meet all program requirements, or if NIST determines it to be necessary in the public interest, NIST may withdraw that participant's certificate. A body that has had its status as a certificate holder terminated may reapply when prepared to demonstrate full conformance with program requirements.

PART 287—GUIDANCE ON FEDERAL CONFORMITY ASSESSMENT

Sec.

287.1 Purpose and scope of this guidance.

287.2 Definitions.

287.3 Responsibilities of the National Institute of Standards and Technology.

287.4 Responsibilities of Federal agencies.

287.5 Responsibilities of an Agency Standards Executive.

AUTHORITY: Sec. 12, Pub. L. 104–113, 110 Stat. 782 (15 U.S.C. 272).

SOURCE: 65 FR 48900, Aug. 10, 2000, unless otherwise noted.

§ 287.1 Purpose and scope of this guidance.

(a) This part provides guidance for each Federal agency to use in evaluating the efficacy and efficiency of its conformity assessment activities. Each agency should coordinate its conformity assessment activities with those of other appropriate government agencies and with those of the private sector to reduce unnecessary duplication. This guidance is intended to help Federal agencies improve the management and coordination of their own conformity assessment activities with respect to other government entities and the private sector. This will help ensure more productive use of the increasingly limited Federal resources available to conduct conformity assessment activities. This will also support the role of the U.S. Government in pursuing international trade and other related negotiations and agreements with foreign countries and U.S. industry in pursuing agreements with foreign national and international private sector organizations.

(b) This guidance applies to all agencies, which set policy for, manage, operate, or use conformity assessment activities and results, both domestic and

international, except for activities carried out pursuant to treaties.

(c) This guidance does not preempt the agencies' authority and responsibility to make regulatory or procurement decisions authorized by statute or required to meet programmatic objectives and requirements. These decision-making activities include: determining the level of acceptable regulatory or procurement risk; setting the level of protection; balancing risk, cost and availability of technology (where statutes permit) in establishing regulatory and procurement objectives; and determining or implementing procurement or regulatory requirements necessary to meet programmatic or regulatory objectives. Each agency retains broad discretion in its selection and use of regulatory and procurement conformity assessment practices and may elect not to use or recognize alternative conformity assessment practices if the agency deems them to be inappropriate, inadequate, or inconsistent with statutory criteria or programmatic objectives and requirements. Nothing contained herein shall give any party any claim or cause of action against the Federal government or any agency thereof. Each agency remains responsible for representation of the agency's views on conformity assessment in matters under its jurisdiction. Each agency also remains the primary point of contact for information on the agency's regulatory and procurement conformity assessment actions.

§ 287.2 Definitions.¹

Accreditation means a procedure used to provide formal notice that a body or person is competent to carry out specific tasks. These tasks include: sam-

pling and testing; inspection; certification; and registration.²

Agency means any Executive Branch Department, independent commission, board, bureau, office, agency, government-owned or controlled corporation, or other establishment of the Federal government. It also includes any regulatory commission or board, except for independent regulatory commission subject to separate statutory requirements regarding policy setting, management, operation, and use of conformity assessment activities. It does not include the legislative or judicial branches of the Federal government.

Agency Standards Executive means an official designated by an agency as its representative on the Interagency Committee for Standards Policy (ICSP) and delegated the responsibility for agency implementation of OMB Circular A-119 and the guidance in this part.

Certification means a procedure used to provide written assurance that a product, process, service, or person's qualifications conforms to specified requirements.

Conformity assessment means any activity concerned with determining directly or indirectly that requirements are fulfilled. Requirements for products, services, systems, and organizations are those defined by law or regulation or by an agency in a procurement action. Conformity assessment includes: sampling and testing; inspection; supplier's declaration of conformity; certification; and quality and environmental management system assessment and registration. It also includes accreditation and recognition. Conformity assessment does not include mandatory administrative procedures (such as registration notification) for granting permission for a good or service to be produced, marketed, or used for a stated purpose or under stated conditions. Conformity assessment activities may be conducted by the supplier (first party) or by the buyer

¹Definitions of accreditation, certification, conformity assessment, inspection, supplier's declaration of conformity, registration and testing are based on the International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC), Guide 2 (1996). In certain industrial sectors, it is recognized that organizations other than ISO or IEC may issue definitions relevant to conformity assessment, such as the Codex Alimentarius Commission with respect to the food industry sector.

²For some agencies, accreditation may mean that a body or person meets requirements defined in a specific section(s) of the CFR. The referenced section(s) may include only limited requirements for demonstration of technical competency.

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(second party) either directly or by another party on the supplier's or buyer's behalf, or by a body not under the control or influence of either the buyer or the seller (third party).

Inspection is defined as the evaluation by observation and judgment accompanied as appropriate by measurement, testing or gauging of the conformity of a product, process or service to specified requirements.

NIST means the National Institute of Standards and Technology, an agency within the United States Department of Commerce.

Recognition means a procedure used to provide formal notice that an accreditation body is competent to carry out specific tasks. These tasks include: the accreditation of testing laboratories and inspection, certification, and registration bodies. A governmental recognition system is a set of one or more procedures used by a Federal agency to provide recognition.

Registration means a procedure used to give written assurance that a system conforms to specified requirements. Such systems include those established for the management of product, process or service quality and environmental performance.

Sampling means the selection of one or more specimens of a product, process, or service for the purpose of evaluating the conformity of the product, process or service to specified requirements.

Supplier's declaration of conformity means a procedure by which a supplier gives written assurance that a product, process, service or organization conforms to specified requirements.

Testing means the action of carrying out one or more technical operations (tests) that determine one or more characteristics or performance of a given product, material, equipment, organism, person's qualifications, physical phenomenon, process, or service according to a specified technical procedure (test method).

§ 287.3 Responsibilities of the National Institute of Standards and Technology.

(a) Work with agencies through the Interagency Committee on Standards Policy (ICSP) to coordinate Federal,

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state and local conformity assessment activities with private sector conformity assessment activities. NIST chairs the ICSP; assists the ICSP in developing and publishing policies and guidance on conformity assessment related issues; collects and disseminates information on Federal, state and private sector conformity assessment activities; and increases public awareness of the importance of conformity assessment and nature and extent of national and international conformity assessment activities.

(b) Encourage participation in the ICSP by all affected agencies and ensure that all agency views on conformity assessment are considered.

(c) To the extent that resources are available, develop information on state conformity assessment practices; and, upon request by a state government agency, work with that state agency to reduce duplication and complexity in state conformity assessment activities.

(d) Review within three years from August 10, 2000, the effectiveness of the final guidance and recommend modifications to the Secretary as needed.

§ 287.4 Responsibilities of Federal agencies.

Each agency should:

(a) Implement the policies contained in the guidance in this part.

(b) Provide a rationale for its use of specified conformity assessment procedures and processes in rulemaking and procurement actions to the extent feasible. Further, when notice and comment rulemaking is otherwise required, each agency should provide the opportunity for public comment on the rationale for the agency's conformity assessment decision.

(c) Use the results of other governmental agency and private sector organization conformity assessment activities to enhance the safety and efficacy of proposed new conformity assessment requirements and measures. An example of this would be to collect and review information on similar activities conducted by other Federal, state and international organizations and agencies and private sector organizations to

determine if the results of these activities can be used to improve the effectiveness of a proposed Federal agency conformity assessment activity.

(d) Use relevant guides or standards for conformity assessment practices published by domestic and international standardizing bodies as appropriate in meeting regulatory and procurement objectives. Guides and standards for sampling, testing, inspection, certification, quality and environmental management systems, management system registration and accreditation are issued by organizations which include, but are not limited to, the American National Standards Institute, the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC), the International Telecommunications Union (ITU) and the Organization for Economic Cooperation and Development (OECD), the World Health Organization (WHO), and the Codex Alimentarius Commission. Each agency retains responsibility for determining which, if any, of these documents are relevant to its needs.

(e) Identify appropriate private sector conformity assessment practices and programs and consider the results of such practices and/or programs as appropriate in existing regulatory and procurement actions. Responsibility for the determination of appropriateness rests with each agency. Examples: an agency could use the results of private sector or other governmental conformity assessment activities to schedule procurement type audits more effectively. This could allow agencies to reduce the number and extent of audits conducted at companies which are performing in accordance with contract specifications and which are under review by a third party or another agency and to concentrate agency audit efforts on companies which have shown problems in conforming to contract specifications. Another example is the Federal Communications Commission's (FCC) Telecommunication Certification Body (TCB) program, which allows designated private entities to issue telecommunications equipment approvals for specified regulatory requirements. In addition, under Part 15, FCC premarketing approval require-

ments for certain types of equipment have been replaced with suppliers declaration of conformity to the regulations, provided test results supporting the declaration are obtained from an accredited testing lab.

(f) Consider using the results of other agencies' conformity assessment procedures. Example: An agency could use the results of another agency's inspection/audit of a supplier to eliminate or reduce the scope of its own inspection/audit of that supplier.

(g) Participate in efforts designed to improve coordination among governmental and private sector conformity assessment activities. These efforts include, but are not limited to, the National Cooperation for Laboratory Accreditation (NACLA) organization, the National Environmental Laboratory Accreditation (NELAC), the International Organizations for Standardization's (ISO) Committee on Conformity Assessment (CASCO), conformity assessment related activities of the American National Standards Institute (ANSI), and ICSP working groups dealing with conformity assessment issues.

(h) Work with other agencies to avoid unnecessary duplication and complexity in Federal conformity assessment activities. Examples: An agency can participate in another agency's conformity assessment activities by conducting joint procurement audits/inspections of suppliers that sell to both agencies. An agency can share conformity assessment information with other agencies. An agency can use conformity assessment information provided by other agencies to the extent appropriate to improve the effectiveness and efficiency in its own conformity assessment activities. Conformity assessment information may include: Conformity assessment procedures and results, technical data on the operation of conformity assessment programs, processing methods and requirements for applications, fees, facility site data, complaint review procedures, and confidentiality procedures.

(i) Encourage domestic and international recognition of U.S. conformity assessment results by supporting the work of the U.S. Government in international trade and related

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negotiations with foreign countries and U.S. industry in pursuing agreements with foreign national and international private sector organizations and any resulting activities/requirements resulting from those negotiations/agreements.

(j) Participate in the development of private sector conformity assessment standards to ensure that Federal viewpoints are represented.

(k) Work with other agencies to harmonize Federal requirements for quality and environmental management systems for use in procurement and regulation, including provisions which will allow the use of one quality or environmental management system per supplier facility in the Federal procurement process and the sharing and usage of audit results and related information as appropriate.

(l) Work with other ICSP members, NIST, and the private sector to develop national infrastructures for coordinating and harmonizing U.S. conformity assessment needs, practices and requirements in support of the efforts of the U.S. Government and U.S. industry to increase international market access for U.S. products.

(m) Work with other ICSP members, NIST, and the private sector as necessary and appropriate to establish criteria for the development and implementation of governmental recognition systems to meet government recognition requirements imposed by other nations and regional groups to support the efforts of the U.S. Government to facilitate international market access for U.S. products.

(n) Assign an Agency Standard Executive responsibility for coordinating the agency-wide implementation of the guidance in this part.

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§ 287.5 Responsibilities of an Agency Standards Executive.

In addition to carrying out the duties described in OMB Circular A-119 related to standards activities, an Agency Standards Executive should:

(a) Promote the following goals:

(1) Effective use of agency conformity assessment related resources and participation in conformity assessment related activities of agency interest.

(2) Development and dissemination of agency technical and policy positions.

(3) Development of agency positions on conformity assessment related issues that are in the public interest.

(b) Ensure that agency participation in conformity assessment related activities is consistent with agency missions, authorities, priorities, and budget.

(c) Cooperate with NIST in carrying out agency responsibilities under the guidance in this part.

(d) Consult with NIST, as necessary, in the development and issuance of internal agency procedures and guidance implementing the policies in this part.

(e) Establish an ongoing process for reviewing his/her agency's existing conformity assessment activities and identifying areas where efficiencies can be achieved through coordination with other agency and private sector conformity assessment activities.

(f) Work with other parts of his/her agency to develop and implement improvements in agency conformity assessment related activities.

(g) Report to NIST, on a voluntary basis, on agency conformity assessment activities for inclusion in the annual report to the Office of Management and Budget (OMB) on the agency's implementation of OMB Circular A-119.

SUBCHAPTER K—NIST EXTRAMURAL PROGRAMS

PART 290—REGIONAL CENTERS FOR THE TRANSFER OF MANU- FACTURING TECHNOLOGY

Sec.

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AUTHORITY: 15 U.S.C. 278k.

SOURCE: 55 FR 38275, Sept. 17, 1990, unless
otherwise noted.

§ 290.1 Purpose.

This rule provides policy for a program to establish Regional Centers for the Transfer of Manufacturing Technology as well as the prescribed policies and procedures to insure the fair, equitable and uniform treatment of proposals for assistance. In addition, the rule provides general guidelines for the management of the program by the National Institute of Standards and Technology, as well as criteria for the evaluation of the Centers, throughout the lifecycle of financial assistance to the Centers by the National Institute of Standards and Technology.

§ 290.2 Definitions.

(a) The phrase *advanced manufacturing technology* refers to new technologies which have recently been developed, or are currently under development, for use in product or part design, fabrication, assembly, quality control, or improving production efficiency.

(b) The term *Center* or *Regional Center* means a NIST-established Regional Center for the Transfer of Manufacturing Technology described under these procedures.

(c) The term *operating award* means a cooperative agreement which provides funding and technical assistance to a Center for purposes set forth in § 290.3 of these procedures.

(d) The term *Director* means the Director of the National Institute of Standards and Technology.

(e) The term *NIST* means the National Institute of Standards and Technology, U.S. Department of Commerce.

(f) The term *Program* or *Centers Program* means the NIST program for establishment of, support for, and cooperative interaction with Regional Centers for the Transfer of Manufacturing Technology.

(g) The term *qualified proposal* means a proposal submitted by a nonprofit organization which meets the basic requirements set forth in § 290.5 of these procedures.

(h) The term *Secretary* means the Secretary of Commerce.

(i) The term *target firm* means those firms best able to absorb advanced manufacturing technologies and techniques, especially those developed at NIST, and which are already well prepared in an operational, management and financial sense to improve the levels of technology they employ.

§ 290.3 Program description.

(a) The Secretary, acting through the Director, shall provide technical and financial assistance for the creation and support of Regional Centers for the Transfer of Manufacturing Technology. Each Center shall be affiliated with a U.S.-based nonprofit institution or organization which has submitted a qualified proposal for a Center Operating Award under these procedures. Support may be provided for a period not to exceed six years. The Centers work with industry, universities, nonprofit economic development organizations and state governments to transfer advanced manufacturing technologies, processes, and methods as defined in § 290.2 to small and medium sized firms. These technology transfer efforts focus on the continuous and incremental improvement of the target firms. The advanced manufacturing technology which is the focus of the Centers is the subject of research in NIST's Automated Manufacturing Research Facility (AMRF). The core of AMRF research has principally been

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applied in discrete part manufacturing, including electronics, composites, plastics, and metal parts fabrication and assembly. Centers will be afforded the opportunity for interaction with the AMRF and will be given access to research projects and results to strengthen their technology transfer. Where elements of a solution are available from an existing source, they should be employed. Where private-sector consultants who can meet the needs of a small- or medium-sized manufacturer are available, they should handle the task. Each Center should bring to bear the technology expertise described in §290.3(d) to assist small- and medium-sized manufacturing firms in adopting advanced manufacturing technology.

(b) *Program objective.* The objective of the NIST Manufacturing Technology Centers is to enhance productivity and technological performance in United States manufacturing. This will be accomplished through:

(1) The transfer of manufacturing technology and techniques developed at NIST to Centers and, through them, to manufacturing companies throughout the United States;

(2) The participation of individuals from industry, universities, State governments, other Federal agencies, and, when appropriate, NIST in cooperative technology transfer activities;

(3) Efforts to make new manufacturing technology and processes usable by United States-based small- and medium-sized companies;

(4) The active dissemination of scientific, engineering, technical, and management information about manufacturing to industrial firms, including small- and medium-sized manufacturing companies; and

(5) The utilization, when appropriate, of the expertise and capability that exists in Federal laboratories other than NIST.

(c) *Center activities.* The activities of the Centers shall include:

(1) The establishment of automated manufacturing systems and other advanced production technologies based on research by NIST and other Federal laboratories for the purpose of demonstrations and technology transfer;

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(2) The active transfer and dissemination of research findings and Center expertise to a wide range of companies and enterprises, particularly small- and medium-sized manufacturers; and

(3) Loans, on a selective, short-term basis, of items of advanced manufacturing equipment to small manufacturing firms with less than 100 employees.

(d) *Center organization and operation.* Each Center will be organized to transfer advanced manufacturing technology to small and medium sized manufacturers located in its service region. Regional Centers will be established and operated via cooperative agreements between NIST and the award-receiving organizations. Individual awards shall be decided on the basis of merit review, geographical diversity, and the availability of funding.

(e) *Leverage.* The Centers program must concentrate on approaches which can be applied to other companies, in other regions, or by other organizations. The lessons learned in assisting a particular target firm should be documented in order to facilitate the use of those lessons by other target firms. A Center should build on unique solutions developed for a single company to develop techniques of broad applicability. It should seek wide implementation with well-developed mechanisms for distribution of results. Leverage is the principle of developing less resource-intensive methods of delivering technologies (as when a Center staff person has the same impact on ten firms as was formerly obtained with the resources used for one, or when a project once done by the Center can be carried out for dozens of companies by the private sector or a state or local organization.) Leverage does not imply a larger non-federal funding match (that is, greater expenditure of non-federal dollars for each federal dollar) but rather a greater impact per dollar.

(f) *Regional impact.* A new Center should not begin by spreading its resources too thinly over too large a geographic area. It should concentrate first on establishing its structure, operating style, and client base within a manageable service area.

§ 290.4 Terms and schedule of financial assistance.

(a) NIST may provide financial support to any Center for a period not to exceed six years, subject to the availability of funding and continued satisfactory performance. Awards under this program shall be subject to all Federal and Departmental regulations, policies, and procedures applicable to Federal assistance awards. NIST may not provide more than 50 percent of the capital and annual operating and maintenance required to create and maintain such Center. Allowable capital costs may be treated as an expense in the year expended or obligated.

(b) *NIST contribution.* The funds provided by NIST may be used for capital and operating and maintenance expenses. Each Center will operate on one-year, annually renewable cooperative agreements, contingent upon successful completion of informal annual reviews. Funding can not be provided after the sixth year of support. A formal review of each Center will be conducted during its third year of operation by an independent Merit Review Panel in accordance with § 290.8 of these procedures. Centers will be required to demonstrate that they will be self-sufficient by the end of six years of operation. The amount of NIST investment in each Center will depend upon the particular requirements, plans, and performance of the Center, as well as the availability of NIST funds. NIST may support the budget of each Center on a matching-funds basis not to exceed the Schedule of Financial Assistance outlined in Table 1. The remaining portion of the Center's funding shall be provided by the host organization.

TABLE 1—SCHEDULE OF NIST MATCHING FUNDS

Year of center operation	Maximum NIST share
1-3	1/2
4	2/5
5-6	1/3

(c) *Host contribution.* The host organization may count as part of its share:

(1) Dollar contributions from state, county, city, industrial, or other sources;

(2) Revenue from licensing and royalties;

(3) Fees for services performed,

(4) In-kind contributions of full-time personnel,

(5) In-kind contribution of part-time personnel, equipment, software, rental value of centrally located space (office and laboratory) and other related contributions up to a maximum of one-half of the host's annual share. Allowable capital expenditures may be applied in the award year expended or in subsequent award years.

[55 FR 38275, Sept. 17, 1990, as amended at 59 FR 22505, May 2, 1994]

§ 290.5 Basic proposal qualifications.

(a) NIST shall designate each proposal which satisfies the qualifications criteria below as "qualified proposal" and subject the qualified proposals to a merit review. Applications which do not meet the requirements of this section will not receive further consideration.

(1) *Qualified organizations.* Any nonprofit institution, or group thereof, or consortium of nonprofit institutions, including entities which already exist or may be incorporated specifically to manage the Center.

(2) *Proposal format.* Proposals for Center Operating Awards shall:

(i) Be submitted with a Standard Form 424 to the above address;

(ii) *Not exceed 25 typewritten pages in length for the basic proposal document* (which must include the information requirements of paragraph (a)(3) of this section); it may be accompanied by additional appendices of relevant supplementary attachments and tabular material. Basic proposal documents which exceed 25 pages in length will not be qualified for further review.

(3) *Proposal requirements.* In order to be considered for a Center Operating Award, proposals must contain:

(i) A plan for the allocation of intellectual property rights associated with any invention or copyright which may result from the involvement in the Center's technology transfer or research activities consistent with the conditions of § 290.9;

(ii) A statement which provides adequate assurances that the host organization will contribute 50 percent or

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more of the proposed Center's capital and annual operating and maintenance costs for the first three years and an increasing share for each of the following three additional years. Applicants should provide evidence that the proposed Center will be self-supporting after six years.

(iii) A statement describing linkages to industry, government, and educational organizations within its service region.

(iv) A statement defining the initial service region including a statement of the constituency to be served and the level of service to be provided, as well as outyear plans.

(v) A statement agreeing to focus the mission of the Center on technology transfer activities and not to exclude companies based on state boundaries.

(vi) A proposed plan for the annual evaluation of the success of the Center by the Program, including appropriate criteria for consideration, and weighting of those criteria.

(vii) A plan to focus the Center's technology emphasis on areas consistent with NIST technology research programs and organizational expertise.

(viii) A description of the planned Center sufficient to permit NIST to evaluate the proposal in accordance with § 290.6 of these procedures.

(b) [Reserved]

§ 290.6 Proposal evaluation and selection criteria.

(a) In making a decision whether to provide financial support, NIST shall review and evaluate all qualified proposals in accordance with the following criteria, assigning equal weight to each of the four categories.

(1) *Identification of target firms in proposed region.* Does the proposal define an appropriate service region with a large enough population of target firms of small- and medium-sized manufacturers which the applicant understands and can serve, and which is not presently served by an existing Center?

(i) *Market analysis.* Demonstrated understanding of the service region's manufacturing base, including business size, industry types, product mix, and technology requirements.

(ii) *Geographical location.* Physical size, concentration of industry, and

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economic significance of the service region's manufacturing base. Geographical diversity of Centers will be a factor in evaluation of proposals; a proposal for a Center located near an existing Center may be considered only if the proposal is unusually strong and the population of manufacturers and the technology to be addressed justify it.

(2) *Technology resources.* Does the proposal assure strength in technical personnel and programmatic resources, full-time staff, facilities, equipment, and linkages to external sources of technology to develop and transfer technologies related to NIST research results and expertise in the technical areas noted in these procedures?

(3) *Technology delivery mechanisms.* Does the proposal clearly and sharply define an effective methodology for delivering advanced manufacturing technology to small- and medium-sized manufacturers?

(i) *Linkages.* Development of effective partnerships or linkages to third parties such as industry, universities, non-profit economic organizations, and state governments who will amplify the Center's technology delivery to reach a large number of clients in its service region.

(ii) *Program leverage.* Provision of an effective strategy to amplify the Center's technology delivery approaches to achieve the proposed objectives as described in § 290.3(e).

(4) *Management and financial plan.* Does the proposal define a management structure and assure management personnel to carry out development and operation of an effective Center?

(i) *Organizational structure.* Completeness and appropriateness of the organizational structure, and its focus on the mission of the Center. Assurance of full-time top management of the Center.

(ii) *Program management.* Effectiveness of the planned methodology of program management.

(iii) *Internal evaluation.* Effectiveness of the planned continuous internal evaluation of program activities.

(iv) *Plans for financial matching.* Demonstrated stability and duration of the applicant's funding commitments as well as the percentage of operating and

capital costs guaranteed by the applicant. Identification of matching fund sources and the general terms of the funding commitments. Evidence of the applicant's ability to become self-sustaining in six years.

(v) *Budget.* Suitability and focus of the applicant's detailed one-year budget and six-year budget outline.

§ 290.7 Proposal selection process.

Upon the availability of funding to establish Regional Centers, the Director shall publish a notice in the FEDERAL REGISTER requesting submission of proposals from interested organizations. Applicants will be given an established time frame, not less than 60 days from the publication date of the notice, to prepare and submit a proposal. The proposal evaluation and selection process will consist of four principal phases: Proposal qualification; Proposal review and selection of finalists; Finalist site visits; and, Award determination. Further descriptions of these phases are provided in the following:

(a) *Proposal qualification.* All proposals will be reviewed by NIST to assure compliance with § 290.5 of these procedures. Proposals which satisfy these requirements will be designated qualified proposals; all others will be disqualified at this phase of the evaluation and selection process.

(b) *Proposal review and selection of finalists.* The Director of NIST will appoint an evaluation panel to review and evaluate all qualified proposals in accordance with the criteria set forth in section 290.6 of these procedures, assigning equal weight to each of the four categories. From the qualified proposals, a group of finalists will be selected based on this review.

(c) *Finalist site visits.* NIST representatives will visit each finalist organization. Finalists will be reviewed and assigned numeric scores using the criteria set forth in § 290.6 of these procedures assigning equal weight to each of the four categories. NIST may enter into negotiations with the finalists concerning any aspect of their proposal.

(d) *Award determination.* The Director of NIST or his designee shall select awardees for Center Operating Awards

based upon the rank order of applicants, the need to assure appropriate regional distribution, and the availability of funds. Upon the final award decision, a notification will be made to each of the proposing organizations.

§ 290.8 Reviews of centers.

(a) *Overview.* Each Center will be reviewed at least annually, and at the end of its third year of operation according to the procedures and criteria set out below. There will be regular management interaction with NIST and the other Centers for the purpose of evaluation and program shaping. Centers are encouraged to try new approaches, must evaluate their effectiveness, and abandon or adjust those which do not have the desired impact.

(b) *Annual reviews of centers.* Centers will be reviewed annually as part of the funding renewal process using the criteria set out in § 290.8(d). The funding level at which a Center is renewed is contingent upon a positive program evaluation and will depend upon the availability of federal funds and on the Center's ability to obtain suitable match, as well as on the budgetary requirements of its proposed program. Centers must continue to demonstrate that they will be self-supporting after six years.

(c) *Third year review of centers.* Each host receiving a Center Operating Award under these procedures shall be evaluated during its third year of operation by a Merit Review Panel appointed by the Secretary of Commerce. Each such Merit Review Panel shall be composed of private experts, none of whom shall be connected with the involved Center, and Federal officials. An official of NIST shall chair the panel. Each Merit Review Panel shall measure the involved Center's performance against the criteria set out in § 290.8(d). The Secretary shall not provide funding for the fourth through the sixth years of such Center's operation unless the evaluation is positive on all grounds. As a condition of receiving continuing funding, the Center must show evidence at the third year review that they are making substantial progress toward self-sufficiency. If the evaluation is positive and funds are available, the Secretary of Commerce

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may provide continued funding through the sixth year at declining levels, which are designed to insure that the Center no longer needs financial support from NIST by the seventh year. In no event shall funding for a Center be provided by the NIST Manufacturing Technology Centers Program after the sixth year of support.

(d) *Criteria for annual and third year reviews.* Centers will be evaluated under the following criteria in each of the annual reviews, as well as the third year review:

(1) The program objectives specified in § 290.3(b) of these procedures;

(2) Funds-matching performance;

(3) The extent to which the target firms have successfully implemented recently developed or currently developed advanced manufacturing technology and techniques transferred by the Center;

(4) The extent to which successes are properly documented and there has been further leveraging or use of a particular advanced manufacturing technology or process;

(5) The degree to which there is successful operation of a network, or technology delivery mechanism, involving the sharing or dissemination of information related to manufacturing technologies among industry, universities, nonprofit economic development organizations and state governments.

(6) The extent to which the Center can increasingly develop continuing resources—both technological and financial—such that the Centers are finally financially self-sufficient.

§ 290.9 Intellectual property rights.

(a) Awards under the Program will follow the policies and procedures on ownership to inventions made under grants and cooperative agreements that are set out in Public Law 96-517 (35 U.S.C. chapter 18), the Presidential Memorandum on Government Patent Policy to the Heads of Executive Departments and Agencies Dated February 18, 1983, and part 401 of title 37 of the Code of Federal Regulations, as appropriate. These policies and procedures generally require the Government to grant to Centers selected for funding the right to elect to obtain title to any invention made in the

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course of the conduct of research under an award, subject to the reservation of a Government license.

(b) Except as otherwise specifically provided for in an Award, Centers selected for funding under the Program may establish claim to copyright subsisting in any data first produced in the performance of the award. When claim is made to copyright, the funding recipient shall affix the applicable copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship to the data when and if the data are delivered to the Government, are published, or are deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software, the funding recipient shall grant to the Government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the funding recipient shall grant to the Government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such computer software to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government.

PART 291—MANUFACTURING EXTENSION PARTNERSHIP; ENVIRONMENTAL PROJECTS

Sec.

291.1 Program description.

291.2 Environmental integration projects.

291.3 Environmental tools and techniques projects.

291.4 National industry-specific pollution prevention and environmental compliance resource centers.

291.5 Proposal selection process.

291.6 Additional requirements; Federal policies and procedures.

AUTHORITY: 15 U.S.C. § 272(b)(1) and (c)(3) and § 2781.

SOURCE: 60 FR 4082, Jan. 20, 1995, unless otherwise noted.

§ 291.1 Program description.

(a) In accordance with the provisions of the National Institute of Standards and Technology Act (15 U.S.C. § 272(b)(1) and (c)(3) and § 2781), as amended, NIST will provide financial assistance to integrate environmentally-related services and resources into the national manufacturing extension system. This assistance will be provided by NIST often in cooperation with the EPA. Under the NIST Manufacturing Extension Partnership (MEP), NIST will periodically make merit-based awards to existing MEP manufacturing extension affiliates for integration of environmental services into extension centers and to non-profit organizations for development of environmentally-related tools and techniques. In addition, NIST will initiate pilot centers providing environmental information for specific industrial sectors to be specified in solicitations. MEP assumes a broad definition of manufacturing, and recognizes a wide range of technology and concepts, including durable goods production; chemical, biotechnology, and other materials processing; electronic component and system fabrication; and engineering services associated with manufacturing, as lying within the definition of manufacturing.

(b) *Announcements of solicitations.* Announcements of solicitations will be made in the Commerce Business Daily. Specific information on the level of funding available and the deadline for proposals will be contained in that announcement. In addition, any specific industry sectors or types of tools and techniques to be focused on will be specified in the announcement.

(c) *Proposal workshops.* Prior to an announcement of solicitation, NIST may announce opportunities for potential applicants to learn about these projects through workshops. The time and place of the workshop(s) will be contained in a Commerce Business Daily announcement.

(d) *Indirect costs.* The total dollar amount of the indirect costs proposed in an application under this program must not exceed the indirect cost rate negotiated and approved by a cognizant Federal agency prior to the proposed effective date of the award or 100 per-

cent of the total proposed direct costs dollar amount in the application, whichever is less.

(e) *Proposal format.* The Proposal must not exceed 20 typewritten pages in length for integration proposals. Proposals for tools and techniques projects and national information centers must not exceed 30 pages in length. The proposal must contain both technical and cost information. The Proposal page count shall include every page, including pages that contain words, table of contents, executive summary, management information and qualifications, resumes, figures, tables, and pictures. All proposals shall be printed such that pages are single-sided, with no more than fifty-five (55) lines per page. Use 21.6 × 27.9 cm (8½" × 11") paper or A4 metric paper. Use an easy-to-read font of not more than about 5 characters per cm (fixed pitch font of 12 or fewer characters per inch or proportional font of point size 10 or larger). Smaller type may be used in figures and tables, but must be clearly legible. Margins on all sides (top, bottom, left and right) must be at least 2.5 cm. (1"). The applicant may submit a separately bound document of appendices, containing letters of support for the Basic Proposal. The basic proposal should be self-contained and not rely on the appendices for meeting criteria. Excess pages in the Proposal will not be considered in the evaluation. Applicants must submit one signed original plus six copies of the proposal along with Standard Form 424, 424A (Rev 4/92) and Form CD-511.

(f) *Content of basic proposal.* The Basic Proposal must, at a minimum, include the following:

(1) An executive summary summarizing the planned project consistent with the Evaluation Criteria stated in this notice.

(2) A description of the planned project sufficient to permit evaluation of the proposal in accordance with the proposal Evaluation Criteria stated in this notice.

(3) A budget for the project which identifies all sources of funds and which breaks out planned expenditures by both activity and object class (e.g., personnel, travel, etc.).

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(4) A description of the qualifications of key personnel who will be assigned to work on the proposed project.

(5) A statement of work that discusses the specific tasks to be carried out, including a schedule of measurable events and milestones.

(6) A Standard Form 424, 424A (Rev 4-92) prescribed by the applicable OMB circular and Form CD-511, Certification Regarding Debarment, Suspension and Other Responsibility Matters; Drug-Free Workplace Requirements and Lobbying. SF-424, 424A (Rev 4-92) and Form CD-511 will not be considered part of the page count of the Basic Proposal.

(7) The application requirements and the standard form requirements have been approved by OMB (OMB Control Number 0693-0010, 0348-0043 and 0348-0044).

(g) *Applicable federal and departmental guidance.* This includes: Administrative Requirements, Cost Principles, and Audits. [Dependent upon type of Recipient organization: nonprofit, for-profit, state/local government, or educational institution]

(1) *Nonprofit organizations.*

(i) OMB Circular A-110—Uniform Administrative Requirements of Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-122—Cost Principles for Nonprofit Organizations.

(iii) 15 CFR part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations [implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations].

(2) *State/local governments.*

(i) 15 CFR part 24—Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

(ii) OMB Circular A-87—Cost Principles for State and Local Governments.

(iii) 15 CFR part 29a—Audit Requirements for State and Local Governments [implements OMB Circular A-128—Audit of State and Local Governments].

(3) *Educational institutions.*

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(i) OMB Circular A-110—Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-21—Cost Principles for Educational Institutions.

(iii) 15 CFR part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations [implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations].

§ 291.2 Environmental integration projects.

(a) *Eligibility criteria.* Eligible applicants for these projects are manufacturing extension centers or state technology extension programs which at the time of solicitation have grants, cooperative agreements or contracts with the NIST Manufacturing Extension Partnership. Only one proposal per organization per solicitation is permitted in this category.

(b) *Project objective.* The purpose of these projects is to support the integration of environmentally-focused technical assistance, and especially pollution prevention assistance, for smaller manufacturers into the broader services provided by existing MEP manufacturing extension centers. Proposers are free to structure their project in whatever way will be most effective and efficient in increasing the ability of the center to deliver high quality environmental and pollution prevention technical assistance (either directly or in partnership with other organizations). Following are some examples of purposes for which these funds could be used. This list is by no means meant to be all inclusive. A center might propose a set of actions encompassing several of these examples as well as others.

(1) *Environmental needs assessment.* Detailed assessment of the environmentally-related technical assistance needs of manufacturers within the state or region of the manufacturing extension center. This would be done as part of a broader plan to incorporate environmentally related services into

the services of the manufacturing extension center. The center might propose to document its process and findings so that other centers may learn from its work.

(2) *Partnership with another organization.* The center might propose to partner with an existing organization which is providing environmentally-focused technical assistance to manufacturers. The partnership would lead to greater integration of service delivery through joint technical assistance projects and joint training.

(3) *Accessing private-sector environmental resources.* The center might propose to increase its ability to access environmental technical services for smaller manufacturers from environmental consultants or environmental firms.

(4) *Training of field engineers/agents in environmental topics.* Funding for training which empowers the field engineer/agent with the knowledge needed to recognize potential environmental, and especially pollution prevention, problems and opportunities. In addition, training might be funded which empowers the field engineer/agent with the knowledge needed to make appropriate recommendations for solutions or appropriate referrals to other sources of information or expertise. The over-arching goal is for the field engineer/agent to enable the manufacturer to be both environmentally clean and competitive.

(5) *Access to environmentally related information or expertise.* A center might propose to fund access to databases or other sources of environmentally-related information or expertise which might be necessary to augment the environmentally focused activities of the manufacturing extension center.

(6) *Addition of environmentally focused staff.* It may be necessary for manufacturing extension centers to have an environmental program manager or lead field engineer/agent with environmental training and experience. Funds could be requested to hire this person. However, the proposer would have to demonstrate a clear and reasonable plan for providing for the support of this person after the funds provided under this project are exhausted since

no commitment is being made to ongoing funding.

(c) *Award period.* Projects initiated under this category may be carried out over multiple years. The proposer should include optional second and third years in their proposal. Proposals selected for award may receive one, two or three years of funding from currently available funds at the discretion of DOC. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. A separate cooperative agreement will be written with winning applicants. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC. It is anticipated that successful projects will be given the opportunity to roll the funding for these efforts into the base funding for the extension center. Such a roll-over will be based on a performance review and the availability of funds.

(d) *Matching requirements.* No matching funds are required for these proposals. However, the presence of matching funds (cash and in-kind) will be considered in the evaluation under the Financial Plan criteria.

(e) *Environmental integration projects evaluation criteria.* In most solicitations, preference will be given to projects which are focused on a single industry sector. This is desired to build on the expertise and resources which are being built in tools and resources projects in these industry sectors. Industry focus will be specified in the solicitation announcement. However, actual services need not be limited exclusively to this sector. In addition preference may be given to extension centers which do not have extensive environmentally-related services already in place. In addition to these preferences, the criteria for selection of awards will be as follows in descending order of importance:

(1) *Demonstrated commitment to incorporating environmentally related services.* The extension center must demonstrate its commitment to incorporate environmentally-related technical services into its overall manufacturing extension services even after funding for this project is exhausted. It

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is not the objective of this effort to establish completely autonomous environmentally focused extension centers. Rather, the goal is to ensure that such services are integrated directly with general manufacturing extension services focused on competitiveness. The center must demonstrate that such integration will take place. Factors that may be considered include: The amount of matching funds devoted to the efforts proposed as demonstration of the center's commitment to the activity; indication that environmental services are a significant aspect of the organization's long range planning; strength of commitment and plans for continuing service beyond funding which might be awarded through this project; the degree to which environmental services will become an integral part of each field engineers' portfolio of services; the level of current or planned education and training of staff on relevant environmental issues; and the extent of environmentally related information and expert resources which will be easily accessible by field engineers.

(2) *Demonstrated understanding of the environmentally related technical assistance needs of manufacturers in the target population.* Target population must be clearly defined. The manufacturing center must demonstrate that it understands the populations environmentally related needs or include a coherent methodology for identifying those needs. The proposal should show that the efforts being proposed will enable the center to better meet those needs. Factors that may be considered include: A clear definition of the target population, its size and demographic characteristics; demonstrated understanding of the target population's environmental technical assistance needs or a plan to develop this understanding; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(3) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are providing high quality environmentally-related services to manufacturers in the same target population or which have relevant resources which

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can be of assistance in the proposed effort. If no such organizations exist, the proposal should build the case that there are no such organizations. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication of services in providing assistance to small and medium-sized manufacturers. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant for providing technology assistance related services to the target population; adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(4) *Program evaluation:* The applicant should specify plans for evaluation of the effectiveness of the proposed program and for ensuring continuous improvement of program activities. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance.

(5) *Management experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; appropriateness of the organizational approach for carrying out the proposed activity; evidence of involvement and support by private industry.

(6) *Financial plan:* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the cooperative agreement has expired.

Factors that may be considered include: Reasonableness of the budget both in income and expenses; strength of commitment and amount of the proposer's cost share, if any; effectiveness of management plans for control of budget; appropriateness of matching contributions; and plans for maintaining the program after the cooperative agreement has expired.

§ 291.3 Environmental tools and techniques projects.

(a) *Eligibility criteria.* Eligible applicants for these projects include all non-profit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. Organizations may submit multiple proposals under this category in each solicitation for unique projects.

(b) *Project objective.* The purpose of these projects is to support the initial development and implementation of tools or techniques which will aide manufacturing extension organizations in providing environmentally-related services to smaller manufacturers and which may also be of direct use by the smaller manufacturers themselves. Specific industry sectors to be addressed and sub-categories of tools and techniques may be specified in solicitations. These sectors or sub-categories will be specified in the solicitation announcement. Examples of tools and techniques include, but are not limited to, manufacturing assessment tools, environmental benchmarking tools, training delivery programs, electronically accessible environmental information resources, environmental demonstration facilities, software tools, etc. Projects must be completed within the scope of the effort proposed and should not require on-going federal support.

(c) *Award period.* Projects initiated under this category may be carried out over up to three years. Proposals selected for award will receive all funding from currently available funds. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the pe-

riod of performance is at the total discretion of DOC.

(d) *Matching requirements.* No matching funds are required for these proposals. However, the presence of matching funds (cash and in-kind) will be considered in the evaluation under the Financial Plan criteria.

(e) *Environmental tools and techniques projects evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstrated understanding of the environmentally-related technical assistance needs of manufacturers and technical assistance providers in the target population.* Target population must be clearly defined. The proposal must demonstrate that it understands the population's environmentally related tool or technique needs. The proposal should show that the efforts being proposed meet the needs identified. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding of the target population's environmental tools or techniques needs; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(2) *Technology and information sources.* The proposal must delineate the sources of technology and/or information which will be used to create the tool or resource. Sources may include those internal to the center (including staff expertise) or from other organizations. Factors that may be considered include: Strength of core competency in the proposed area of activity; and demonstrated access to relevant technical or information sources external to the organization.

(3) *Degree of integration with the manufacturing extension partnership.* The proposal must demonstrate that the tool or resource will be integrated into and will be of service to the NIST Manufacturing Extension Centers. Factors that may be considered include: Ability to access the tool or resource especially for MEP extension centers; methodology for disseminating or promoting use of the tool or technique especially within the MEP system; and

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demonstrated interest in using the tool or technique especially by MEP extension centers.

(4) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise on similar tools or techniques. If no such organizations exist, the proposal should show that this is the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; Adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(5) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed tool or technique and for ensuring continuous improvement of the tool. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance.

(6) *Management experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(7) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the

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cooperative agreement has expired. Factors that may be considerable include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposers's cost share, if any; effectiveness of management plans for control of budget appropriateness of matching contributions; and plan for maintaining the program after the cooperative agreement has expired.

§ 291.4 National industry-specific pollution prevention and environmental compliance resource centers.

(a) *Eligibility criteria.* Eligible applicants for these projects include all non-profit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. Only one proposal per organization is permitted in this category.

(b) *Project objective.* These centers will provide easy access to relevant, current, reliable and comprehensive information on pollution prevention opportunities, regulatory compliance and technologies and techniques for reducing pollution in the most competitive manner for a specific industry sector or industrial process. The sector or industrial process to be addressed will be specified in the solicitation. The center will enhance the ability of small businesses to implement risk based pollution prevention alternatives to increase competitiveness and reduce adverse environmental impacts. The center should use existing resources, information and expertise and will avoid duplication of existing efforts. The information provided by the center will create links between relevant EPA Pollution Prevention programs, EPA and other technical information, NIST manufacturing extension efforts, EPA regulation and guidance, and state requirements. The center will emphasize pollution prevention methods as the principal means to both comply with government regulations and enhance competitiveness.

(c) *Project goal.* To improve the environmental and competitive performance of smaller manufacturers by:

(1) Enhancing the national capability to provide pollution prevention and

regulatory requirements information (federal, state and local) to specific industries.

(2) Providing easy access to relevant and reliable information and tools on pollution prevention technologies and techniques that achieve manufacturing efficiency and enhanced competitiveness with reduced environmental impact.

(3) Providing easy access to relevant and reliable information and tools to enable specific industries to achieve the continued environmental improvement to meet or exceed compliance requirements.

(d) *Project customers.* (1) The customers for this center will be the businesses in the industrial sector or businesses which use the industrial process specified as the focus for the solicitation. In addition, consultants providing services to those businesses, the NIST Manufacturing Extension Centers, and federal state and local programs providing technical, pollution prevention and compliance assistance.

(2) The center should assist the customer in choosing the most cost-effective, environmentally sound options or practices that enhance the company's competitiveness. Assistance must be accessible to all interested customers. The center, wherever feasible, shall use existing materials and information to enhance and develop the services to its customers. The centers should rarely, if ever, perform research, but should find and assimilate data and information produced by other sources. The center should not duplicate any existing distribution system. The center should distribute and provide information, but should not directly provide on-site assistance to customers. Rather, referrals to local technical assistance organizations should be given when appropriate. Information would likely be available through multiple avenues such as phone, fax, electronically accessible data bases, printed material, networks of technical experts, etc.

(e) *Award period.* The pilot initiated under this category may be carried out over multiple years. The proposers should include optional second and third years in their proposal. Proposals selected for award may receive one,

two or three years of funding from currently available finds at the discretion of DOC. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC. Successful centers may be given an opportunity to receive continuing funding as a NIST manufacturing center after the expiration of their initial cooperative agreement. Such a roll-over will be based upon the performance of the center and availability of funding.

(f) *Matching requirements.* A matching contribution from each applicant will be required. NIST may provide financial support up to 50% of the total budget for the project. The applicant's share of the budget may include dollar contributions from state, county, industrial or other non-federal sources and non-federal in-kind contributions necessary and reasonable for proper accomplishment of project objectives.

(g) *Resource center evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstrated understanding of the environmentally-related information needs of manufacturers and technical assistance providers in the target population.* Understanding the environmentally-related needs of the target population (*i.e.*, customers) is absolutely critical to the success of such a resource center. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding of the target population's environmentally-related information needs or a clear plan for identifying those customer needs; and methodologies for continually improving the understanding of the target population's environmentally-related information needs.

(2) *Delivery mechanisms.* The proposal must set forth clearly defined, effective mechanisms for delivery of services to target population. Factors that may be considered include: Potential effectiveness and efficiency of proposed delivery systems; and demonstrated capacity to

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form the effective linkages and partnerships necessary for success of the proposed activity.

(3) *Technology and information sources.* The proposal must delineate the sources of information which will be used to create the informational foundation of the resource center. Sources may include those internal to the Center (including staff expertise), but it is expected that many sources will be external. Factors that may be considered include: Strength of core competency in the proposed area of activity; demonstrated access to relevant technical or information sources external to the organization.

(4) *Degree of integration with the manufacturing extension partnership and other technical assistance providers.* The proposal must demonstrate that the source center will be integrated into the system of services provided by the NIST Manufacturing Extension Partnership and other technical assistance providers. Factors that may be considered include: Ability of the target population including MEP Extension Centers to access the resource center; and methodology for disseminating or promoting use of the resource center especially within the MEP system.

(5) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise on similar tools or techniques. If no such organizations exist, the proposal should show that this is the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; and adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities.

(6) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed resource center and for ensuring continuous improvement. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control,

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external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance; and the proposer's plan must include documentation, analysis of the results, and must show how the results can be used in improving the resource center.

(7) *Management experience and Plans.* Applicants should specify Plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications and experience of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(8) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the cooperative agreement has expired. Factors that may be considered include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposer's *cost share*; effectiveness of management plans for control of the budget; and appropriateness of matching contributions.

§ 291.5 Proposal selection process.

The proposal evaluation and selection process will consist of three principal phases: Proposal qualification; proposal review and selection of finalists; and award determination.

(a) *Proposal qualification.* All proposals will be reviewed by NIST to assure compliance with the proposal content and other basic provisions of this notice. Proposals which satisfy these requirements will be designated qualified proposals; all others will be disqualified at this phase of the evaluation and selection process.

(b) *Proposal review and selection of finalists.* NIST will appoint an evaluation panel composed of NIST and in some

cases other federal employees to review and evaluate all qualified proposals in accordance with the evaluation criteria and values set forth in this notice. A site visit may be required to make full evaluation of a proposal. From the qualified proposals, a group of finalists will be numerically ranked and recommended for award based on this review.

(c) *Award determination.* The Director of the NIST, or her/his designee, shall select awardees based on total evaluation scores, geographic distribution, and the availability of funds. All three factors will be considered in making an award. Upon the final award decision, a notification will be made to each of the proposing organizations.

§ 291.6 Additional requirements; Federal policies and procedures.

Recipients and subrecipients are subject to all Federal laws and Federal and Department of Commerce policies, regulations, and procedures applicable to Federal financial assistance awards.

PART 292—MANUFACTURING EXTENSION PARTNERSHIP; INFRASTRUCTURE DEVELOPMENT PROJECTS

Sec.

292.1 Program description.

292.2 Training development and deployment projects.

292.3 Technical tools, techniques, practices, and analyses projects.

292.4 Information infrastructure projects.

292.5 Proposal selection process.

292.6 Additional requirements.

AUTHORITY: 15 U.S.C. 272 (b)(1) and (c)(3) and 2781.

SOURCE: 60 FR 44751, Aug. 29, 1995, unless otherwise noted.

§ 292.1 Program description.

(a) *Purpose.* In accordance with the provisions of the National Institute of Standards and Technology Act (15 U.S.C. 272 (b)(1) and (c)(3) and 2781), as amended, NIST will provide financial assistance to develop the infrastructure of the national manufacturing extension system. Under the NIST Manufacturing Extension Partnership (MEP), NIST will periodically make merit-based awards to develop and de-

ploy training capability and technical tools, techniques, practices, and analyses. In addition, NIST will develop and implement information infrastructure services and pilots. MEP assumes a broad definition of manufacturing, and recognizes a wide range of technology and concepts, including durable goods production; chemical, biotechnology, and other materials processing; electronic component and system fabrication; and engineering services associated with manufacturing, as lying within the definition of manufacturing.

(b) *Announcements of solicitations.* Announcements of solicitations will be made in the Commerce Business Daily. Specific information on the level of funding available and the deadline for proposals will be contained in that announcement. In addition, any specific industry sectors or types of tools and techniques to be focused on will be specified in the announcement, as well as any further definition of the selection criteria.

(c) *Proposal workshops.* Prior to an announcement of solicitation, NIST may announce opportunities for potential applicants to learn about these projects through workshops. The time and place of the workshop(s) will be contained in a Commerce Business Daily announcement.

(d) *Indirect costs.* The total dollar amount of the indirect costs proposed in an application under this program must not exceed the indirect cost rate negotiated and approved by a cognizant Federal agency prior to the proposed effective date of the award or 100 percent of the total proposed direct costs dollar amount in the application, whichever is less.

(e) *Proposal format.* The proposal must contain both technical and cost information. The proposal page count shall include every page, including pages that contain words, table of contents, executive summary, management information and qualifications, resumes, figures, tables, and pictures. All proposals shall be printed such that pages are single-sided, with no more than fifty-five (55) lines per page. Use 21.6 × 27.9 cm (8½" × 11") paper or A4 metric paper. Use an easy-to-read font of not more than about 5 characters

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per cm (fixed pitch font of 12 or fewer characters per inch or proportional font of point size 10 or larger). Smaller type may be used in figures and tables, but must be clearly legible. Margins on all sides (top, bottom, left and right) must be at least 2.5 cm. (1"). Length limitations for proposals will be specified in solicitations. The applicant may submit a separately bound document of appendices, containing letters of support for the proposal. The proposal should be self-contained and not rely on the appendices for meeting criteria. Excess pages in the proposal will not be considered in the evaluation. Applicants must submit one signed original plus six copies of the proposal and Standard Form 424, 424A, and 424B (Rev 4/92), Standard Form LLL, and Form CD-511. Applicants for whom the submission of six copies presents financial hardship may submit one original and two copies of the application.

(f) *Content of proposal.* (1) The proposal must, at a minimum, include the following:

(i) An executive summary summarizing the planned project consistent with the Evaluation Criteria stated in this part.

(ii) A description of the planned project sufficient to permit evaluation of the proposal in accordance with the proposal Evaluation Criteria stated in this part.

(iii) A budget for the project which identifies all sources of funds and which breaks out planned expenditures by both activity and object class (e.g., personnel, travel, etc.).

(iv) A description of the qualifications of key personnel who will be assigned to work on the proposed project.

(v) A statement of work that discusses the specific tasks to be carried out, including a schedule of measurable events and milestones.

(vi) A completed Standard Form 424, 424A, and 424B (Rev 4-92) prescribed by the applicable OMB circular, Standard Form LLL, and Form CD-511, Certification Regarding Debarment, Suspension and Other Responsibility Matters; Drug-Free Workplace Requirements and Lobbying. SF-424, 424A, 424B (Rev 4-92), SF-LLL, and Form CD-511 will not be considered part of the page count of the proposal.

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(2) The application requirements and the standard form requirements have been approved by OMB (OMB Control Number 0693-0005, 0348-0043 and 0348-0044).

(g) *Applicable federal and departmental guidance.* The Administrative Requirements, Cost Principles, and Audits are dependent upon type of Recipient organization as follows:

(1) *Nonprofit organizations.* (i) OMB Circular A-110—Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-122—Cost Principles for Nonprofit Organizations.

(iii) 15 CFR Part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations (implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations).

(2) *State/local governments.* (i) 15 CFR Part 24—Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

(ii) OMB Circular A-87—Cost Principles for State and Local Governments.

(iii) 15 CFR Part 29a—Audit Requirements for State and Local Governments (implements OMB Circular A-128—Audit of State and Local Governments).

(3) *Educational institutions.* (i) OMB Circular A-110—Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-21—Cost Principles for Educational Institutions.

(iii) 15 CFR Part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations (implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations).

(4) *For-profit organizations.* (i) OMB Circular A-110—Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) 48 CFR Part 31—Federal Acquisition Regulation, Contract Cost Principles and Procedures.

(iii) 15 CFR Part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations (implements OMB Circular A-133).

(h) *Availability of forms and circulars.*

(1) Copies of forms referenced in this part may be obtained from the Manufacturing Extension Partnership, National Institute of Standards and Technology, Room C121, Building 301, Gaithersburg, MD 20899.

(2) Copies of OMB Circulars may be obtained from the Office of Administration, Publications Office, 725 17th St., NW, Room 2200, New Executive Office Building, Washington, DC 20503.

§ 292.2 Training development and deployment projects.

(a) *Eligibility criteria.* In general, eligible applicants for these projects include all for-profit and nonprofit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. However, specific limitations on eligibility may be specified in solicitations. Organizations may submit multiple proposals under this category in each solicitation for unique projects.

(b) *Project objective.* The purpose of these projects is to support the development and deployment of training programs which will aid manufacturing extension organizations in providing services to smaller manufacturers. While primarily directed toward the field agents/engineers of the extension organizations, the training may also be of direct use by the smaller manufacturers themselves. Specific industry sectors to be addressed and sub-categories of training may be specified in solicitations. Examples of training topic areas include, but are not limited to, manufacturing assessment functions, business systems management, quality assurance assistance, and financial management activities. Examples of training program deployment include, but are not limited to, organization and conduct of training courses, development and conduct of train-the-trainer courses, preparations and deliv-

ery of distance learning activities, and preparation of self-learning and technical-guideline materials. Projects must be completed within the scope of the effort proposed and should not require on-going federal support.

(c) *Award period.* Projects initiated under this category may be carried out over a period of up to three years. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC.

(d) *Matching requirements.* Matching fund requirements for these proposals will be specified in solicitations including the breakdown of cash and in-kind requirements. For those projects not requiring matching funds, the presence of match will be considered in the evaluation under the Financial Plan criteria.

(e) *Training development and deployment projects evaluation criteria.* Proposals will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstration that the proposed project will meet the training needs of technical assistance providers and manufacturers in the target population.* The target population must be clearly defined and the proposal must demonstrate that it understands the population's training needs within the proposed project area. The proposal should show that the efforts being proposed meet the needs identified. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding of the target population's training needs; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(2) *Development/deployment methodology and use of appropriate technology and information sources.* The proposal must describe the technical plan for the development or deployment of the training, including the project activities to be used in the training development/deployment and the sources of technology and/or information which will be used to create or deploy the

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training activity. Sources may include those internal to the proposer or from other organizations. Factors that may be considered include: Adequacy of the proposed technical plan; strength of core competency in the proposed area of activity; and demonstrated access to relevant technical or information sources external to the organization.

(3) *Delivery and implementation mechanisms.* The proposal must set forth clearly defined, effective mechanisms for delivery and/or implementation of proposed services to the target population. The proposal also must demonstrate that training activities will be integrated into and will be of service to the NIST Manufacturing Extension Centers. Factors that may be considered include: Ease of access to the training activity especially for MEP extension centers; methodology for disseminating or promoting involvement in the training especially within the MEP system; and demonstrated interest in the training activity especially by MEP extension centers.

(4) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise with similar training. If no such organizations exist, the proposal should show that this is the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(5) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed training activity and for ensuring continuous improvement of the training. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity,

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and "customer satisfaction" measures of performance.

(6) *Management and organizational experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(7) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the cooperative agreement has expired. Factors that may be considered include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposer's cost share, if any; effectiveness of management plans for control of budget; appropriateness of matching contributions; and plan for maintaining the program after the cooperative agreement has expired.

§ 292.3 Technical tools, techniques, practices, and analyses projects.

(a) *Eligibility criteria.* In general, eligible applicants for these projects include all for profit and nonprofit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. However, specific limitations on eligibility may be specified in solicitations. Organizations may submit multiple proposals under this category in each solicitation for unique projects.

(b) *Project objective.* The purpose of these projects is to support the initial development, implementation, and analysis of tools, techniques, and practices which will aid manufacturing extension organizations in providing services to smaller manufacturers and

which may also be of direct use by the smaller manufacturers themselves. Specific industry sectors to be addressed and sub-categories of tools, techniques, practices, and analyses may be specified in solicitations. Examples of tools, techniques, and practices include, but are not limited to, manufacturing assessment tools, benchmarking tools, business systems management tools, quality assurance assistance tools, financial management tools, software tools, practices for partnering, techniques for urban or rural firms, and comparative analysis of assessment methods. Projects must be completed within the scope of the effort proposed and should not require on-going federal support.

(c) *Award period.* Projects initiated under this category may be carried out over a period of up to three years. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC.

(d) *Matching requirements.* Matching fund requirements for these proposals will be specified in solicitations including the breakdown of cash and in-kind requirements. For those projects not requiring matching funds, the presence of match will be considered in the evaluation under the Financial Plan criteria.

(e) *Tools, techniques, practices, and analyses projects evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstration that the proposed project will meet the technical assistance needs of technical assistance providers and manufacturers in the target population.* Target population must be clearly defined. The proposal must demonstrate that it understands the population's tool or technique needs within the proposed project area. The proposal should show that the efforts being proposed meet the needs identified. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding

of the target population's tools or technique needs; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(2) *Development methodology and use of appropriate technology and information sources.* The proposal must describe the technical plan for the development of the tool or resource, including the project activities to be used in the tool/resource development and the sources of technology and/or information which will be used to create the tool or resource. Sources may include those internal to the proposer or from other organizations. Factors that may be considered include: Adequacy of the proposed technical plan; strength of core competency in the proposed area of activity; and demonstrated access to relevant technical or information sources external to the organization.

(3) *Degree of integration with the manufacturing extension partnership.* The proposal must demonstrate that the tool or resource will be integrated into and will be of service to the NIST Manufacturing Extension Centers. Factors that may be considered include: Ability to access the tool or resource especially for MEP extension centers; methodology for disseminating or promoting use of the tool or technique especially within the MEP system; and demonstrated interest in using the tool or technique especially by MEP extension centers.

(4) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise on similar tools, techniques, practices, or analyses. If no such organizations exist, the proposal should show that this is the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

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(5) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed tool or technique and for ensuring continuous improvement of the tool. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and “customer satisfaction” measures of performance.

(6) *Management experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(7) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the cooperative agreement has expired. Factors that may be considered include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposer's cost share, if any; effectiveness of management plans for control of budget; appropriateness of matching contributions; and plan for maintaining the program after the cooperative agreement has expired.

§ 292.4 Information infrastructure projects.

(a) *Eligibility criteria.* In general, eligible applicants for these projects include all for profit and nonprofit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. However, specific limitations on eligibility may be specified in solicitations. Organizations may submit multiple pro-

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posals under this category in each solicitation for unique projects.

(b) *Project objective.* The purpose of these projects is to support and act as a catalyst for the development and implementation of information infrastructure services and pilots. These projects will aid manufacturing extension organizations and smaller manufacturers in accessing the technical information they need or will accelerate the rate of adoption of electronic commerce. Specific industry sectors to be addressed or subcategories of information infrastructure projects include, but are not limited to, pilot demonstration of electronic data interchange in a supplier chain, implementation of an electronic information service for field engineers at MEP extension centers, and industry specific electronic information services for MEP centers and smaller manufacturers.

(c) *Award period.* Projects initiated under this category may be carried out over a period of up to three years. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC.

(d) *Matching requirements.* Matching fund requirements for these proposals will be specified in solicitations including the breakdown of cash and in-kind requirements. For those projects not requiring matching funds, the presence of match will be considered in the evaluation under the Financial Plan criteria.

(e) *Information infrastructure projects evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstration that the proposed project will meet the need of the target customer base.* The target customer base must be clearly defined and, in general, will be technical assistance providers and/or smaller manufacturers. The proposal should demonstrate a clear understanding of the customer base's needs within the proposed project area. The proposal should also show that the efforts being proposed meet the needs

identified. Factors that may be considered include: A clear definition of the customer base, size and demographic distribution; demonstrated understanding of the customer base's needs within the project area; and appropriateness of the size of the customer base and the anticipated impact for the proposed expenditure.

(2) *Development plans and delivery/implementation mechanisms.* The proposal must set forth clearly defined, effective plans for the development, delivery and/or implementation of proposed services to the customer base. The proposal must delineate the sources of information which will be used to implement the project. Sources may include those internal to the center (including staff expertise) or from other organizations. Factors that may be considered include: Adequacy of plans; potential effectiveness and efficiency of proposed delivery and implementation systems; demonstrated capacity to form effective linkages; partnerships necessary for success of the proposed activity; strength of core competency in the proposed area of activity; and demonstrated access to relevant technical or information sources external to the organization.

(3) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise within the project area. In addition, the project should demonstrate that it does not duplicate efforts which already are being performed by the private sector without government support. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. If the proposer will not be partnering with any other organizations, then the proposal should clearly explain why the project will be more successful if implemented as proposed. A proposal which makes a credible case for why there are no, or very limited, partnerships will not be penalized in evaluation. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; Adequate linkages and partnerships with relevant existing organi-

zations; clear definition of the roles of partnering organizations in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(4) *Management and organizational experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the project. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(5) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and the ability of the project to continue after the cooperative agreement has expired without federal support. While projects that appear to require ongoing public support will be considered, in general, they will be evaluated lower than those which show a strong ability to become self-sufficient. Factors that may be considered include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposer's cost share, if any; effectiveness of management plans for control of budget; appropriateness of matching contributions; and plan for maintaining the program after the cooperative agreement has expired.

(6) *Evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed project and for ensuring continuous improvement. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance.

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§ 292.5 Proposal selection process.

The proposal evaluation and selection process will consist of three principal phases: Proposal qualifications; proposal review and selection of finalists; and award determination as follows:

(a) *Proposal qualification.* All proposals will be reviewed by NIST to assure compliance with the proposal content and other basic provisions of this part. Proposals which satisfy these requirements will be designated qualified proposals; all others will be disqualified at this phase of the evaluation and selection process.

(b) *Proposal review and selection of finalists.* NIST will appoint an evaluation panel to review and evaluate all qualified proposals in accordance with the evaluation criteria and values set forth in this part. Evaluation panels will consist of NIST employees and in some cases other federal employees or non-federal experts who sign non-disclosure agreements. A site visit may be required to make full evaluation of a proposal. From the qualified proposals, a group of finalists will be numerically ranked and recommended for award based on this review.

(c) *Award determination.* The Director of the NIST, or her/his designee, shall select awardees based on total evaluation scores, geographic distribution, and the availability of funds. All three factors will be considered in making an award. Upon the final award decision, a notification will be made to each of the proposing organizations.

§ 292.6 Additional requirements.

Federal policies and procedures. Recipients and subrecipients are subject to all Federal laws and Federal and Department of Commerce policies, regulations, and procedures applicable to Federal financial assistance awards.

PART 295—ADVANCED TECHNOLOGY PROGRAM

Subpart A—General

Sec.

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AUTHORITY: 15 U.S.C. 278n.

SOURCE: 55 FR 30145, July 24, 1990, unless otherwise noted.

Subpart A—General

§ 295.1 Purpose.

(a) The purpose of the Advanced Technology Program (ATP) is to assisted United States businesses to carry out research and development on high risk, high pay-off, emerging and enabling technologies. These technologies are:

(1) High risk, because the technical challenges make success uncertain;

(2) High pay-off, because when applied they offer significant benefits to the U.S. economy; and

(3) Emerging and enabling, because they offer wide breadth of potential application and form an important technical basis for future commercial applications.

(b) The rules in this part prescribe policies and procedures for the award of cooperative agreements under the Advanced Technology Program in

order to ensure the fair treatment of all proposals. While the Advanced Technology Program is authorized to enter into grants, cooperative agreements, and contracts to carry out its mission, the rules in this part address only the award of cooperative agreements. The Program employs cooperative agreements rather than grants because such agreements allow ATP to exercise appropriate management oversight of projects and also to link ATP-funded projects to ongoing R&D at the National Institute of Standards and Technology wherever such linkage would increase the likelihood of success of the project.

(c) In carrying out the rules in this part, the Program endeavors to put more emphasis on joint ventures and consortia with a broad range of participants, including large companies, and less emphasis on support of individual large companies.

[62 FR 64684, Dec. 9, 1997]

§ 295.2 Definitions.

(a) For the purposes of the ATP, the term *award* means Federal financial assistance made under a grant or cooperative agreement.

(b) The term *company* means a for-profit organization, including sole proprietors, partnerships, limited liability companies (LLCs), or corporations.

(c) The term *cooperative agreement* refers to a Federal assistance instrument used whenever the principal purpose of the relationship between the Federal Government and the recipient is the transfer of money, property, or services, or anything of value to the recipient to accomplish a public purpose of support or stimulation authorized by Federal statute, rather than acquisition by purchase, lease, or barter, of property or services for the direct benefit or use of the Federal Government; and substantial involvement is anticipated between the executive agency, acting for the Federal Government, and the recipient during performance of the contemplated activity.

(d) The term *direct costs* means costs that can be identified readily with activities carried out in support of a particular final objective. A cost may not be allocated to an award as a direct cost if any other cost incurred for the

same purpose in like circumstances has been assigned to an award as an indirect cost. Because of the diverse characteristics and accounting practices of different organizations, it is not possible to specify the types of costs which may be classified as direct costs in all situations. However, typical direct costs could include salaries of personnel working on the ATP project and associated reasonable fringe benefits such as medical insurance. Direct costs might also include supplies and materials, special equipment required specifically for the ATP project, and travel associated with the ATP project. ATP shall determine the allowability of direct costs in accordance with applicable Federal cost principles.

(e) The term *foreign-owned company* means a company other than a United States-owned company as defined in § 295.2(q).

(f) The term *grant* means a Federal assistance instrument used whenever the principal purpose of the relationship between the Federal Government and the recipient is the transfer of money, property, services, or anything of value to the recipient in order to accomplish a public purpose of support or stimulation authorized by Federal statute, rather than acquisition by purchase, lease, or barter, of property or services for the direct benefit or use of the Federal Government; and no substantial involvement is anticipated between the executive agency, acting for the Federal Government, and the recipient during performance of the contemplated activity.

(g) The term *independent research organization* (IRO) means a nonprofit research and development corporation or association organized under the laws of any state for the purpose of carrying out research and development on behalf of other organizations.

(h) The term *indirect costs* means those costs incurred for common or joint objectives that cannot be readily identified with activities carried out in support of a particular final objective. A cost may not be allocated to an award as an indirect cost if any other cost incurred for the same purpose in like circumstances has been assigned to an award as a direct cost. Because of diverse characteristics and accounting

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practices it is not possible to specify the types of costs which may be classified as indirect costs in all situations. However, typical examples of indirect costs include general administration expenses, such as the salaries and expenses of executive officers, personnel administration, maintenance, library expenses, and accounting. ATP shall determine the allowability of indirect costs in accordance with applicable Federal cost principles.

(i) The term *industry-led joint research and development venture* or *joint venture* means a business arrangement that consists of two or more separately-owned, for-profit companies that perform research and development in the project; control the joint venture's membership, research directions, and funding priorities; and share total project costs with the Federal government. The joint venture may include additional companies, independent research organizations, universities, and/or governmental laboratories (other than NIST) which may or may not contribute funds (other than Federal funds) to the project and perform research and development. A for-profit company or an independent research organization may serve as an Administrator and perform administrative tasks on behalf of a joint venture, such as handling receipts and disbursements of funds and making antitrust filings. The following activities are not permissible for ATP funded joint ventures:

(1) Exchanging information among competitors relating to costs, sales, profitability, prices, marketing, or distribution of any product, process, or service that is not reasonably required to conduct the research and development that is the purpose of such venture;

(2) Entering into any agreement or engaging in any other conduct restricting, requiring, or otherwise involving the production or marketing by any person who is a party to such joint venture of any product, process, or service, other than the production or marketing of proprietary information developed through such venture, such as patents and trade secrets; and

(3) Entering into any agreement or engaging in any other conduct:

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(i) To restrict or require the sale, licensing, or sharing of inventions or developments not developed through such venture, or

(ii) To restrict or require participation by such party in other research and development activities, that is not reasonably required to prevent misappropriation of proprietary information contributed by any person who is a party to such venture or of the results of such venture.

(j) The term *intellectual property* means an invention patentable under title 35, United States Code, or any patent on such an invention.

(k) The term *large business* for a particular ATP competition means any business, including any parent company plus related subsidiaries, having annual revenues in excess of the amount published by ATP in the relevant annual notice of availability of funds required by § 295.7(a). In establishing this amount, ATP may consider the dollar value of the total revenues of the 500th company in Fortune Magazine's Fortune 500 listing.

(l) The term *matching funds or cost sharing* means that portion of project costs not borne by the Federal government. Sources of revenue to satisfy the required cost share include cash and in-kind contributions. Cash contributions can be from recipient, state, county, city, or other non-federal sources. In-kind contributions can be made by recipients or non-federal third parties (except subcontractors working on an ATP project) and include but are not limited to equipment, research tools, software, and supplies. Except as specified at § 295.25, the value of in-kind contributions shall be determined in accordance with OMB Circular A-110, Subpart C, Section 23. The value of in-kind contributions will be prorated according to the share of total use dedicated to the ATP program. ATP restricts the total value of in-kind contributions that can be used to satisfy the cost share by requiring that such contributions not exceed 30 percent of the non-federal share of the total project costs. ATP shall determine the allowability of matching share costs in accordance with applicable federal cost principles.

(m) The term *person* shall be deemed to include corporations and associations existing under or authorized by the laws of either the United States, the laws of any of the Territories, the laws of any State, or the laws of any foreign country.

(n) The term *Program* means the Advanced Technology Program.

(o) The term *Secretary* means the Secretary of Commerce or the Secretary's designee.

(p) The term *small business* means a business that is independently owned and operated, is organized for profit, and is not dominant in the field of operation in which it is proposing, and meets the other requirements found in 13 CFR part 121.

(q) The term *United States-owned company* means a for-profit organization, including sole proprietors, partnerships, or corporations, that has a majority ownership or control by individuals who are citizens of the United States.

[55 FR 30145, July 24, 1990, as amended at 59 FR 666, 667, Jan. 6, 1994; 62 FR 64684, 64685, Dec. 9, 1997; 63 FR 64413, Nov. 20, 1998]

§ 295.3 Eligibility of United States- and foreign-owned businesses.

(a) A company shall be eligible to receive an award from the Program only if:

(1) The Program finds that the company's participation in the Program would be in the economic interest of the United States, as evidenced by investments in the United States in research, development, and manufacturing (including, for example, the manufacture of major components or subassemblies in the United States); significant contributions to employment in the United States; and agreement with respect to any technology arising from assistance provided by the Program to promote the manufacture within the United States of products resulting from that technology (taking into account the goals of promoting the competitiveness of United States industry), and to procure parts and materials from competitive suppliers; and

(2) Either the company is a United States-owned company, or the Program finds that the company is incorporated in the United States and has a parent

company which is incorporated in a country which affords to United States-owned companies opportunities, comparable to those afforded to any other company, to participate in any joint venture similar to those authorized under the Program; affords the United States-owned companies local investment opportunities comparable to those afforded to any other company; and affords adequate and effective protection for the intellectual property rights of United States-owned companies.

(b) The Program may, within 30 days after notice to Congress, suspend a company or joint venture from continued assistance under the Program if the Program determines that the company, the country of incorporation of the company or a parent company, or the joint venture has failed to satisfy any of the criteria contained in paragraph (a) of this section, and that it is in the national interest of the United States to do so.

(c) Companies owned by legal residents (green card holders) may apply to the Program, but before an award can be given, the owner(s) must either become a citizen or ownership must be transferred to a U.S. citizen(s).

[59 FR 667, Jan. 6, 1994, as amended at 62 FR 64685, Dec. 9, 1997]

§ 295.4 The selection process.

(a) The selection process for awards is a multi-step process based on the criteria listed in § 295.6. Source evaluation boards (SEB) are established to ensure that all proposals receive careful consideration. In the first step, called "preliminary screening," proposals may be eliminated by the SEB that do not meet the requirements of this Part of the annual FEDERAL REGISTER Program announcement. Typical but not exclusive of the reasons for eliminating a proposal at this stage are that the proposal: is deemed to have serious deficiencies in either the technical or business plan; involves product development rather than high-risk R&D; is not industry-led; is significantly overpriced or underpriced given the scope of the work; does not meet the requirements set out in the notice of availability of funds issued pursuant to

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§ 295.7; or does not meet the cost-sharing requirement. NIST will also examine proposals that have been submitted to a previous competition to determine whether substantive revisions have been made to the earlier proposal, and, if not, may reject the proposal.

(b) In the second step, referred to as the “technical and business review,” proposals are evaluated under the criteria found in § 295.6. Proposals judged by the SEB after considering the technical and business evaluations to have the highest merit based on the selection criteria receive further consideration and are referred to as “semifinalists.”

(c) In the third step, referred to as “selection of finalists,” the SEB prepares a final ranking of semifinalist proposals by a majority vote, based on the evaluation criteria in § 295.6. During this step, the semifinalist proposers will be invited to an oral review of their proposals with NIST, and in some cases site visits may be required. Subject to the provisions of § 295.6, a list of ranked finalists is submitted to the Selecting Official.

(d) In the final step, referred to as “selection of recipients,” the Selecting Official selects funding recipients from among the finalists, based upon: the SEB rank order of the proposals on the basis of all selection criteria (§ 295.6); assuring an appropriate distribution of funds among technologies and their applications; the availability of funds; and adherence to the Program selection criteria. The Program reserves the right to deny awards in any case where information is uncovered which raises a reasonable doubt as to the responsibility of the proposer. The decision of the Selecting Official is final.

(e) NIST reserves the right to negotiate the cost and scope of the proposed work with the proposers that have been selected to receive awards. For example, NIST may request that the proposer delete from the scope of work a particular task that is deemed by NIST to be product development or otherwise inappropriate for ATP support.

[63 FR 64413, Nov. 20, 1998]

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§ 295.5 Use of pre-proposals in the selection process.

To reduce proposal preparation costs incurred by proposers and to make the selection process more efficient, NIST may use mandatory or optional preliminary qualification processes based on pre-proposals. In such cases, announcements requesting pre-proposals will be published as indicated in § 295.7, and will seek abbreviated proposals (pre-proposals) that address both of the selection criteria, but in considerably less detail than full proposals. The Program will review the pre-proposals in accordance with the selection criteria and provide written feedback to the proposers to determine whether the proposed projects appear sufficiently promising to warrant further development into full proposals. Proposals are neither “accepted” or “rejected” at the pre-proposal stage. When the full proposals are received in response to the notice of availability of funds described in § 295.7, the review and selection process will occur as described in § 295.4.

[63 FR 64414, Nov. 20, 1998]

§ 295.6 Criteria for selection.

The evaluation criteria to be used in selecting any proposal for funding under this program, and their respective weights, are listed in this section. No proposal will be funded unless the Program determines that it has scientific and technological merit and that the proposed technology has strong potential for broad-based economic benefits to the nation. Additionally, no proposal will be funded that does not require Federal support, that is product development rather than high risk R&D, that does not display an appropriate level of commitment from the proposer, or does not have an adequate technical and commercialization plan.

(a) *Scientific and technological merit (50%).* The proposed technology must be highly innovative. The research must be challenging, with high technical risk. It must be aimed at overcoming an important problem(s) or exploiting a promising opportunity. The technical leverage of the technology must be adequately explained. The research must have a strong potential for

advancing the state of the art and contributing significantly to the U.S. scientific and technical knowledge base. The technical plan must be clear and concise, and must clearly identify the core innovation, the technical approach, major technical hurdles, the attendant risks, and clearly establish feasibility through adequately detailed plans linked to major technical barriers. The plan must address the questions of “what, how, where, when, why, and by whom” in substantial detail. The Program will assess the proposing team’s relevant experience for pursuing the technical plan. The team carrying out the work must demonstrate a high level of scientific/technical expertise to conduct the R&D and have access to the necessary research facilities.

(b) *Potential for broad-based economic benefits (50%)*. The proposed technology must have a strong potential to generate substantial benefits to the nation that extend significantly beyond the direct returns to the proposing organization(s). The proposal must explain why ATP support is needed and what difference ATP funding is expected to make in terms of what will be accomplished with the ATP funding versus without it. The pathways to economic benefit must be described, including the proposer’s plan for getting the technology into commercial use, as well as additional routes that might be taken to achieve broader diffusion of the technology. The proposal should identify the expected returns that the proposer expects to gain, as well as returns that are expected to accrue to others, *i.e.*, spillover effects. The Program will assess the proposer’s relevant experience and level of commitment to the project and project’s organizational structure and management plan, including the extent to which participation by small businesses is encouraged and is a key component in a joint venture proposal, and for large company single proposers, the extent to which subcontractor/subrecipient teaming arrangements are featured and are a key component of the proposal.

[63 FR 64414, Nov. 20, 1998]

§ 295.7 Notice of availability of funds.

The Program shall publish at least annually a FEDERAL REGISTER notice

inviting interested parties to submit proposals, and may more frequently publish invitations for proposals in the Commerce Business Daily, based upon the annual notice. Proposals must be submitted in accordance with the guidelines in the ATP Proposal Preparation Kit as identified in the published notice. Proposals will only be considered for funding when submitted in response to an invitation published in the FEDERAL REGISTER, or a related announcement in the Commerce Business Daily.

[63 FR 64414, Nov. 20, 1998]

§ 295.8 Intellectual property rights; publication of research results.

(a)(1) *Patent rights*. Title to inventions arising from assistance provided by the Program must vest in a company or companies incorporated in the United States. Joint ventures shall provide to NIST a copy of their written agreement which defines the disposition of ownership rights among the members of the joint venture, and their contractors and subcontractors as appropriate, that complies with the first sentence of this paragraph. The United States will reserve a nonexclusive, non-transferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States any such intellectual property, but shall not, in the exercise of such license, publicly disclose proprietary information related to the license. Title to any such intellectual property shall not be transferred or passed, except to a company incorporated in the United States, until the expiration of the first patent obtained in connection with such intellectual property. Nothing in this paragraph shall be construed to prohibit the licensing to any company of intellectual property rights arising from assistance provided under this section.

(2) *Patent procedures*. Each award by the Program shall include provisions assuring the retention of a governmental use license in each disclosed invention, and the government’s retention of march-in rights. In addition, each award by the Program will contain procedures regarding reporting of subject inventions by the funding Recipient to the Program, including the

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subject inventions of members of the joint venture (if applicable) in which the funding Recipient is a participant, contractors and subcontractors of the funding Recipient. The funding Recipient shall disclose such subject inventions to the Program within two months after the inventor discloses it in writing to the Recipient's designated representative responsible for patent matters. The disclosure shall consist of a detailed, written report which provides the Program with the following: the title of the present invention; the names of all inventors; the name and address of the assignee (if any); an acknowledgment that the United States has rights in the subject invention; the filing date of the present invention, or, in the alternative, a statement identifying that the Recipient determined that filing was not feasible; an abstract of the disclosure; a description or summary of the present invention; the background of the present invention or the prior art; a description of the preferred embodiments; and what matter is claimed. Upon issuance of the patent, the funding Recipient or Recipients must notify the Program accordingly, providing it with the Serial Number of the patent as issued, the date of issuance, a copy of the disclosure as issued, and if appropriate, the name, address, and telephone number(s) of an assignee.

(b) *Copyrights*: Except as otherwise specifically provided for in an Award, funding recipients under the Program may establish claim to copyright subsisting in any data first produced in the performance of the award. When claim is made to copyright, the funding recipient shall affix the applicable copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship to the data when and if the data are delivered to the Government, are published, or are deposited for registration as a published work in the U.S. Copyright Office. The funding recipient shall grant to the Government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such data to reproduce, prepare derivative works, perform publicly and display publicly, and for data other than computer software

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to distribute to the public by or on behalf of the Government.

(c) *Publication of research results*: The decision on whether or not to publish research results will be made by the funding recipient(s). Unpublished intellectual property owned and developed by any business or joint research and development venture receiving funding or by any member of such a joint venture may not be disclosed by any officer or employee of the Federal Government except in accordance with a written agreement between the owner or developer and the Program. The licenses granted to the Government under § 295.8(b) shall not be considered a waiver of this requirement.

[55 FR 30145, July 24, 1990. Redesignated and amended at 59 FR 667, 669, Jan. 6, 1994; 63 FR 64414, Nov. 20, 1998]

§ 295.9 Protection of confidential information.

As required by section 278n(d)(5) of title 15 of the United States Code, the following information obtained by the Secretary on a confidential basis in connection with the activities of any business or joint research and development venture receiving funding under the program shall be exempt from disclosure under the Freedom of Information Act—

(1) Information on the business operation of any member of the business or joint venture;

(2) Trade secrets possessed by any business or any member of the joint venture.

[55 FR 30145, July 24, 1990. Redesignated at 59 FR 667, Jan. 6, 1994]

§ 295.10 Special reporting and auditing requirements.

Each award by the Program shall contain procedures regarding technical, business, and financial reporting and auditing requirements to ensure that awards are being used in accordance with the Program's objectives and applicable Federal cost principles. The purpose of the technical reporting is to monitor "best effort" progress toward overall project goals. The purpose of the business reporting system is to monitor project performance against the Program's mission as required by

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the Government Performance and Results Act (GPRA) mandate for program evaluation. The audit standards to be applied to ATP awards are the "Government Auditing Standards" (GAS) issued by the Comptroller General of the United States (also known as yellow book standards) and the ATP program-specified audit guidelines. The ATP program-specific audit guidelines include guidance on the number of audits required under an award. In the interest of efficiency, the recipients are encouraged to retain their own independent CPA firm to perform these audits. The Department of Commerce's Office of Inspector General (OIG) reserves the right to conduct audits as deemed necessary and appropriate.

[62 FR 64686, Dec. 9, 1997. Redesignated at 63 FR 64415, Nov. 20, 1998]

§ 295.11 Technical and educational services for ATP recipients.

(a) Under the Federal Technology Transfer Act of 1986, the National Institute of Standards and Technology of the Technology Administration has the authority to enter into cooperative research and development agreements with non-Federal parties to provide personnel, services, facilities, equipment, or other resources except funds toward the conduct of specified research or development efforts which are consistent with the missions of the laboratory. In turn, the National Institute of Standards and Technology has the authority to accept funds, personnel, services, facilities, equipment and other resources from the non-Federal party or parties for the joint research effort. Cooperative research and development agreements do not include procurement contracts or cooperative agreements as those terms are used in sections 6303, 6304, and 6305 of title 31, United States Code.

(b) In no event will the National Institute of Standards and Technology enter into a cooperative research and development agreement with a recipient of awards under the Program which provides for the payment of Program funds from the award recipient to the National Institute of Standards and Technology.

(c) From time to time, ATP may conduct public workshops and undertake

other educational activities to foster the collaboration of funding Recipients with other funding resources for purposes of further development and commercialization of ATP-related technologies. In no event will ATP provide recommendations, endorsements, or approvals of any ATP funding Recipients to any outside party.

[55 FR 30145, July 24, 1990. Redesignated at 59 FR 667, Jan. 6, 1994. Redesignated and amended at 63 FR 64415, Nov. 20, 1998]

Subpart B—Assistance to United States Industry-Led Joint Research and Development Ventures

§ 295.20 Types of assistance available.

This subpart describes the types of assistance that may be provided under the authority of 15 U.S.C. 278n(b)(1). Such assistance includes but is not limited to:

(a) Partial start-up funding for joint research and development ventures.

(b) A minority share of the cost of joint research and development ventures for up to five years.

(c) Equipment, facilities and personnel for joint research and development ventures.

§ 295.21 Qualifications of proposers.

Subject to the limitations set out in § 295.3, assistance under this subpart is available only to industry-led joint research and development ventures. These ventures may include universities, independent research organizations, and governmental entities. Proposals for funding under this Subpart may be submitted on behalf of a joint venture by a for-profit company or an independent research organization that is a member of the joint venture. Proposals should include letters of commitment or excerpts of such letters from all proposed members of the joint venture, verifying the availability of cost-sharing funds, and authorizing the party submitting the proposal to act on behalf of the venture with the Program on all matters pertaining to the proposal. No costs shall be incurred under an ATP project by the joint venture members until such time as a

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joint venture agreement has been executed by all of the joint venture members and approved by NIST. NIST will withhold approval until it determines that a sufficient number of members have signed the joint venture agreement. Costs will only be allowed after the execution of the joint venture agreement and approval by NIST.

[63 FR 64415, Nov. 20, 1998]

§ 295.22 Limitations on assistance.

(a) An award will be made under this subpart only if the award will facilitate the formation of a joint venture or the initiation of a new research and development project by an existing joint venture.

(b) The total value of any in-kind contributions used to satisfy the cost sharing requirement may not exceed 30 percent of the non-federal share of the total project costs.

[62 FR 64687, Dec. 9, 1997]

§ 295.23 Dissolution of joint research and development ventures.

Upon dissolution of any joint research and development venture receiving funds under these procedures or at a time otherwise agreed upon, the Federal Government shall be entitled to a share of the residual assets of the joint venture proportional to the Federal share of the costs of the joint venture as determined by independent audit.

§ 295.24 Registration.

Joint ventures selected for funding under the Program must notify the Department of Justice and the Federal Trade Commission under the National Cooperative Research Act of 1984. No funds will be released prior to receipt by the Program of copies of such notification.

[63 FR 64415, Nov. 20, 1998]

§ 295.25 Special rule for the valuation of transfers between separately-owned joint venture members.

(a) *Applicability.* This section applies to transfers of goods, including computer software, and services provided by the transferor related to the maintenance of those goods, when those goods or services are transferred from

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one joint venture member to other separately-owned joint venture members.

(b) *Rule.* The greater amount of the actual cost of the transferred goods and services as determined in accordance with applicable Federal cost principles, or 75 percent of the best customer price of the transferred goods and services, shall be deemed to be allowable costs; provided, however, that in no event shall the aggregate of these allowable costs exceed 30 percent of the non-Federal share of the total cost of the joint research and development program.

(c) *Definition.* The term “best customer price” shall mean the GSA schedule price, or if such price is unavailable, the lowest price at which a sale was made during the last twelve months prior to the transfer of the particular good or service.

[62 FR 64687, Dec. 9, 1997]

Subpart C—Assistance to Single-Proposer U.S. Businesses

§ 295.30 Types of assistance available.

This subpart describes the types of assistance that may be provided under the authority of 15 U.S.C. 278n(b)(2). Such assistance includes but is not limited to entering into cooperative agreements with United States businesses, especially small businesses.

[59 FR 670, Jan. 6, 1994]

§ 295.31 Qualification of proposers.

Awards under this subpart will be available to all businesses, subject to the limitations set out in §§ 295.3 and 295.32.

[62 FR 64687, Dec. 9, 1997]

§ 295.32 Limitations on assistance.

(a) The Program will not directly provide funding under this subpart to any governmental entity, academic institution or independent research organization.

(b) For proposals submitted to ATP after December 31, 1997, awards to large businesses made under this subpart shall not exceed 40 percent of the total project costs of those awards in any year of the award.

(c) Awards under this subpart may not exceed \$2,000,000, or be for more than three years, unless the Secretary provides a written explanation to the authorizing committees of both Houses of Congress and then, only after thirty days during which both Houses of Congress are in session. No funding for indirect costs, profits, or management fees shall be available for awards made under this subpart.

(d) The total value of any in-kind contributions used to satisfy a cost sharing requirement may not exceed 30 percent of the non-federal share of the total project costs.

[62 FR 64687, Dec. 9, 1997]

PART 296—TECHNOLOGY INNOVATION PROGRAM

Subpart A—General

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AUTHORITY: 15 U.S.C. 278n (Pub. L. 110-69 section 3012)

SOURCE: 73 FR 35915, June 25, 2008, unless otherwise noted.

Subpart A—General

§ 296.1 Purpose.

(a) The purpose of the Technology Innovation Program (TIP) is to assist United States businesses and institutions of higher education or other organizations, such as national laboratories and nonprofit research institutes, to support, promote, and accelerate innovation in the United States through high-risk, high-reward research in areas of critical national need within NIST's areas of technical competence.

(b) The rules in this part prescribe policies and procedures for the award and administration of financial assistance (grants and/or cooperative agreements) under the TIP. While the TIP is authorized to enter into grants, cooperative agreements, and contracts to carry out the TIP mission, the rules in this part address only the award of grants and/or cooperative agreements.

§ 296.2 Definitions.

Award means Federal financial assistance made under a grant or cooperative agreement.

Business or company means a for-profit organization, including sole proprietors, partnerships, limited liability companies (LLCs), and corporations.

Contract means a procurement contract under an award or subaward, and a procurement subcontract under a recipient's or subrecipient's contract.

Contractor means the legal entity to which a contract is made and which is accountable to the recipient, subrecipient, or contractor making the contract for the use of the funds provided.

Cooperative agreement refers to a Federal assistance instrument used whenever the principal purpose of the relationship between the Federal government and the recipient is to transfer something of value, such as money, property, or services to the recipient to accomplish a public purpose of support or stimulation authorized by Federal statute instead of acquiring (by purchase, lease, or barter) property or services for the direct benefit or use of the Federal government; and substantial involvement is anticipated between the Federal government and the

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recipient during performance of the contemplated activity.

Critical national need means an area that justifies government attention because the magnitude of the problem is large and the societal challenges that need to be overcome are not being addressed, but could be addressed through high-risk, high-reward research.

Direct costs means costs that can be identified readily with activities carried out in support of a particular final objective. A cost may not be allocated to an award as a direct cost if any other cost incurred for the same purpose in like circumstances has been assigned to an award as an indirect cost. Because of the diverse characteristics and accounting practices of different organizations, it is not possible to specify the types of costs which may be classified as direct costs in all situations. However, typical direct costs could include salaries of personnel working on the TIP project, travel, equipment, materials and supplies, subcontracts, and other costs not categorized in the preceding examples. NIST shall determine the allowability of direct costs in accordance with applicable Federal cost principles.

Director means the Director of the National Institute of Standards and Technology (NIST).

Eligible company means a small-sized or medium-sized business or company that satisfies the ownership and other requirements stated in this part.

Grant means a Federal assistance instrument used whenever the principal purpose of the relationship between the Federal government and the recipient is to transfer something of value, such as money, property, or services to the recipient to accomplish a public purpose of support or stimulation authorized by Federal statute instead of acquiring (by purchase, lease, or barter) property or services for the direct benefit or use of the Federal government; and no substantial involvement is anticipated between the Federal government and the recipient during performance of the contemplated activity.

High-risk, high-reward research means research that:

(1) Has the potential for yielding transformational results with far-ranging or wide-ranging implications;

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(2) Addresses areas of critical national need that support, promote, and accelerate innovation in the United States and is within NIST's areas of technical competence; and

(3) Is too novel or spans too diverse a range of disciplines to fare well in the traditional peer-review process.

Indirect costs means those costs incurred for common or joint objectives that cannot be readily identified with activities carried out in support of a particular final objective. A cost may not be allocated to an award as an indirect cost if any other cost incurred for the same purpose in like circumstances has been assigned to an award as a direct cost. Because of diverse characteristics and accounting practices it is not possible to specify the types of costs which may be classified as indirect costs in all situations. However, typical examples of indirect costs include general administration expenses, such as the salaries and expenses of executive officers, personnel administration, maintenance, library expenses, and accounting. NIST shall determine the allowability of indirect costs in accordance with applicable Federal cost principles.

Institution of higher education means an educational institution in any State that—

(1) Admits as regular students only persons having a certificate of graduation from a school providing secondary education, or the recognized equivalent of such a certificate;

(2) Is legally authorized within such State to provide a program of education beyond secondary education;

(3) Provides an educational program for which the institution awards a bachelor's degree or provides not less than a 2-year program that is acceptable for full credit toward such a degree;

(4) Is a public or other nonprofit institution; and

(5) Is accredited by a nationally recognized accrediting agency or association, or if not so accredited, is an institution that has been granted preaccreditation status by such an agency or association that has been recognized by the Secretary of Education for the granting of

preaccreditation status, and the Secretary of Education has determined that there is satisfactory assurance that the institution will meet the accreditation standards of such an agency or association within a reasonable time (20 U.S.C. 1001). For the purpose of this paragraph (1) only, the term *State* includes, in addition to the several States of the United States, the Commonwealth of Puerto Rico, the District of Columbia, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the Northern Mariana Islands, and the Freely Associated States. The term *Freely Associated States* means the Republic of the Marshall Islands, the Federated States of Micronesia, and the Republic of Palau.

Intellectual property means an invention patentable under title 35, United States Code, or any patent on such an invention, or any work for which copyright protection is available under title 17, United States Code.

Joint venture means a business arrangement that:

(1) Includes either:

(i) At least two separately owned companies that are both substantially involved in the project and both of which are contributing to the cost-sharing required under the TIP statute, with the lead company of the joint venture being an eligible company; or

(ii) At least one eligible company and one institution of higher education or other organization, such as a national laboratory, governmental laboratory (not including NIST), or nonprofit research institute, that are both substantially involved in the project and both of which are contributing to the cost-sharing required under the TIP statute, with the lead entity of the joint venture being either the eligible company or the institution of higher education; and

(2) May include additional for-profit companies, institutions of higher education, and other organizations, such as national laboratories and nonprofit research institutes, that may or may not contribute non-Federal funds to the project.

Large-sized business means any business, including any parent company plus related subsidiaries, having annual revenues in excess of the amount

published by the Program in the relevant FEDERAL REGISTER notice of availability of funds in accordance with § 296.20. In establishing this amount, the Program may consider the dollar value of the total revenues of the 1000th company in Fortune magazine's Fortune 1000 listing.

Matching funds or cost sharing means that portion of project costs not borne by the Federal government. Sources of revenue to satisfy the required cost share include cash and third party in-kind contributions. Cash may be contributed by any non-Federal source, including but not limited to recipients, state and local governments, companies, and nonprofits (except contractors working on a TIP project). Third party in-kind contributions include but are not limited to equipment, research tools, software, supplies, and/or services. The value of in-kind contributions shall be determined in accordance with § 14.23 of this title and will be prorated according to the share of total use dedicated to the TIP project. NIST shall determine the allowability of matching share costs in accordance with applicable Federal cost principles.

Medium-sized business means any business that does not qualify as a *small-sized business* or a *large-sized business* under the definitions in this section.

Member means any entity that is identified as a joint venture member in the award and is a signatory on the joint venture agreement required by § 296.8.

Nonprofit research institute means a nonprofit research and development entity or association organized under the laws of any state for the purpose of carrying out research and development.

Participant means any entity that is identified as a recipient, subrecipient, or contractor on an award to a joint venture under the Program.

Person will be deemed to include corporations and associations existing under or authorized by the laws of the United States, the laws of any of the Territories, the laws of any State, or the laws of any foreign country.

Program or *TIP* means the Technology Innovation Program.

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Recipient means an organization receiving an award directly from NIST under the Program.

Small-sized business means a business that is independently owned and operated, is organized for profit, has fewer than 500 employees, and meets the other requirements found in 13 CFR part 121.

Societal challenge means a problem or issue confronted by society that when not addressed could negatively affect the overall function and quality of life of the Nation, and as such justifies government attention.

State, except for the limited purpose described in paragraph (1) of this section, means any of the several States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and any territory or possession of the United States, or any agency or instrumentality of a State exclusive of local governments. The term does not include any public and Indian housing agency under the United States Housing Act of 1937.

Subaward means an award of financial assistance made under an award by a recipient to an eligible subrecipient or by a subrecipient to a lower tier subrecipient. The term includes financial assistance when provided by any legal agreement, even if the legal agreement is called a contract, but does not include procurement of goods and services.

Subrecipient means the legal entity to which a subaward is made and which is accountable to the recipient for the use of the funds provided.

Transformational results means potential project outcomes that enable disruptive changes over and above current methods and strategies. Transformational results have the potential to radically improve our understanding of systems and technologies, challenging the status quo of research approaches and applications.

United States owned company means a for-profit organization, including sole proprietors, partnerships, limited liability companies (LLCs), and corporations, that has a majority ownership by individuals who are citizens of the United States.

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§ 296.3 Types of assistance available.

Subject to the limitations of this section and § 296.4, assistance under this part is available to eligible companies or joint ventures that request either of the following:

(a) *Single company awards*: No award given to a single company shall exceed a total of \$3,000,000 over a total of 3 years.

(b) *Joint venture awards*: No award given to a joint venture shall exceed a total of \$9,000,000 over a total of 5 years.

§ 296.4 Limitations on assistance.

(a) The Federal share of a project funded under the Program shall not be more than 50 percent of total project costs.

(b) Federal funds awarded under this Program may be used only for direct costs and not for indirect costs, profits, or management fees.

(c) No large-sized business may receive funding as a recipient or subrecipient of an award under the Program. When procured in accordance with procedures established under the Procurement Standards required by part 14 of Subtitle A of this title, recipients may procure supplies and other expendable property, equipment, real property and other services from any party, including large-sized businesses.

(d) If a project ends before the completion of the period for which an award has been made, after all allowable costs have been paid and appropriate audits conducted, the unspent balance of the Federal funds shall be returned by the recipient to the Program.

§ 296.5 Eligibility requirements for companies and joint ventures.

Companies and joint ventures must be eligible in order to receive funding under the Program and must remain eligible throughout the life of their awards.

(a) A company shall be eligible to receive an award from the Program only if:

(1) The company is a small-sized or medium-sized business that is incorporated in the United States and does a

majority of its business in the United States; and

(2) Either

(i) The company is a United States owned company; or

(ii) The company is owned by a parent company incorporated in another country and the Program finds that:

(A) The company's participation in TIP would be in the economic interest of the United States, as evidenced by investments in the United States in research, development, and manufacturing (including, for example, the manufacture of major components or subassemblies in the United States); significant contributions to employment in the United States; and agreement with respect to any technology arising from assistance provided by the Program to promote the manufacture within the United States of products resulting from that technology, and to procure parts and materials from competitive United States suppliers; and

(B) That the parent company is incorporated in a country which affords to United States-owned companies opportunities, comparable to those afforded to any other company, to participate in any joint venture similar to those authorized to receive funding under the Program; affords to United States-owned companies local investment opportunities comparable to those afforded to any other company; and affords adequate and effective protection for the intellectual property rights of United States-owned companies.

(b) NIST may suspend a company or joint venture from continued assistance if it determines that the company, the country of incorporation of the company or a parent company, or any member of the joint venture has failed to satisfy any of the criteria contained in paragraph (a) of this section, and that it is in the national interest of the United States to do so.

(c) Members of joint ventures that are companies must be incorporated in the United States and do a majority of their business in the United States and must comply with the requirements of paragraph (a)(2) of this section. For a joint venture to be eligible for assistance, it must be comprised as defined in § 296.2.

§ 296.6 Valuation of transfers.

(a) This section applies to transfers of goods, including computer software, and services provided by the transferor related to the maintenance of those goods, when those goods or services are transferred from one joint venture member to another separately-owned joint venture member.

(b) The greater amount of the actual cost of the transferred goods and services as determined in accordance with applicable Federal cost principles, or 75 percent of the best customer price of the transferred goods and services, shall be deemed to be allowable costs. Best customer price means the GSA schedule price, or if such price is unavailable, the lowest price at which a sale was made during the last twelve months prior to the transfer of the particular good or service.

§ 296.7 Joint venture registration.

Joint ventures selected for assistance under the Program must notify the Department of Justice and the Federal Trade Commission under section 6 of the National Cooperative Research Act of 1984, as amended (15 U.S.C. 4305). No funds will be released prior to receipt by the Program of copies of such notification.

§ 296.8 Joint venture agreement.

NIST shall not issue a TIP award to a joint venture and no costs shall be incurred under a TIP project by the joint venture members until such time as a joint venture agreement has been executed by all of the joint venture members and approved by NIST.

§ 296.9 Activities not permitted for joint ventures.

The following activities are not permissible for TIP-funded joint ventures:

(a) Exchanging information among competitors relating to costs, sales, profitability, prices, marketing, or distribution of any product, process, or service that is not reasonably required to conduct the research and development that is the purpose of such venture;

(b) Entering into any agreement or engaging in any other conduct restricting, requiring, or otherwise involving

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the marketing, distribution, or provision by any person who is a party to such joint venture of any product, process, or service, other than the distribution among the parties to such venture, in accordance with such venture, of a product, process, or service produced by such venture, the marketing of proprietary information, such as patents and trade secrets, developed through such venture, or the licensing, conveying, or transferring of intellectual property, such as patents and trade secrets, developed through such venture; and

(c) Entering into any agreement or engaging in any other conduct:

(1) To restrict or require the sale, licensing, or sharing of inventions or developments not developed through such venture; or

(2) To restrict or require participation by such party in other research and development activities, that is not reasonably required to prevent misappropriation of proprietary information contributed by any person who is a party to such venture or of the results of such venture.

§ 296.10 Third party in-kind contribution of research services.

NIST shall not issue a TIP award to a single recipient or joint venture whose proposed budget includes the use of third party in-kind contribution of research as cost share, and no costs shall be incurred under such a TIP project, until such time as an agreement between the recipient and the third party contributor of in-kind research has been executed by both parties and approved by NIST.

§ 296.11 Intellectual property rights and procedures.

(a) *Rights in data.* Except as otherwise specifically provided for in an award, authors may copyright any work that is subject to copyright and was developed under an award. When claim is made to copyright, the applicable copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Federal government sponsorship shall be affixed to the work when and if the work is delivered to the Federal government, is published, or is deposited for registration as a published work in the

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U.S. Copyright Office. The copyright owner shall grant to the Federal government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such works to reproduce, publish, or otherwise use the work for Federal purposes.

(b) *Invention rights.* (1) Ownership of inventions developed from assistance provided by the Program under § 296.3(a) shall be governed by the requirements of chapter 18 of title 35 of the United States Code.

(2) Ownership of inventions developed from assistance provided by the Program under § 296.3(b) may vest in any participant in the joint venture, as agreed by the members of the joint venture, notwithstanding section 202(a) and (b) of title 35, United States Code. Title to any such invention shall not be transferred or passed, except to a participant in the joint venture, until the expiration of the first patent obtained in connection with such invention. In accordance with § 296.8, joint ventures will provide to NIST a copy of their written agreement that defines the disposition of ownership rights among the participants of the joint venture, including the principles governing the disposition of intellectual property developed by contractors and subcontractors, as appropriate, and that complies with these regulations.

(3) The United States reserves a non-exclusive, nontransferable, irrevocable paid-up license, to practice or have practiced for or on behalf of the United States any inventions developed using assistance under this section, but shall not in the exercise of such license publicly disclose proprietary information related to the license. Nothing in this subsection shall be construed to prohibit the licensing to any company of intellectual property rights arising from assistance provided under this section.

(4) Should the last existing participant in a joint venture cease to exist prior to the expiration of the first patent obtained in connection with any invention developed from assistance provided under the Program, title to such patent must be transferred or passed to a United States entity that can commercialize the technology in a timely fashion.

(c) *Patent procedures.* Each award by the Program will include provisions assuring the retention of a governmental use license in each disclosed invention, and the government's retention of march-in rights. In addition, each award by the Program will contain procedures regarding reporting of subject inventions by the recipient through the Interagency Edison extramural invention reporting system (iEdison), including the subject inventions of recipients, including members of the joint venture (if applicable), subrecipients, and contractors of the recipient or joint venture members.

§ 296.12 Reporting and auditing requirements.

Each award by the Program shall contain procedures regarding technical, business, and financial reporting and auditing requirements to ensure that awards are being used in accordance with the Program's objectives and applicable Federal cost principles. The purpose of the technical reporting is to monitor "best effort" progress toward overall project goals. The purpose of the business reporting is to monitor project performance against the Program's mission as required by the Government Performance and Results Act (GPRA) mandate for program evaluation. The purpose of the financial reporting is to monitor the status of project funds. The audit standards to be applied to TIP awards are the "Government Auditing Standards" (GAS) issued by the Comptroller General of the United States and any Program-specific audit guidelines or requirements prescribed in the award terms and conditions. To implement paragraph (f) of § 14.25 of this title, audit standards and award terms may stipulate that "total Federal and non-Federal funds authorized by the Grants Officer" means the total Federal and non-Federal funds authorized by the Grants Officer annually.

Subpart B—The Competition Process

§ 296.20 The selection process.

(a) To begin a competition, the Program will solicit proposals through an announcement in the FEDERAL REG-

ISTER, which will contain information regarding that competition, including the areas of critical national need that proposals must address. An Evaluation Panel(s) will be established to evaluate proposals and ensure that all proposals receive careful consideration.

(b)(1) A preliminary review will be conducted to determine whether the proposal:

- (i) Is in accordance with § 296.3;
- (ii) Complies with either paragraph (a) or paragraph (c) of § 296.5;
- (iii) Addresses the award criteria of paragraphs (a) through (c) of § 296.22;
- (iv) Was submitted to a previous TIP competition and if so, has been substantially revised; and
- (v) Is complete.

(2) Complete proposals that meet the preliminary review requirements described in paragraphs (b)(1)(i) through (v) of this section will be considered further. Proposals that are incomplete or do not meet any one of these preliminary review requirements will normally be eliminated.

(c) The Evaluation Panel(s) will then conduct a multi-disciplinary peer review of the remaining proposals based on the evaluation criteria listed in § 296.21 and the award criteria listed in § 296.22. In some cases NIST may conduct oral reviews and/or site visits. The Evaluation Panel(s) will present funding recommendations to the Selecting Official in rank order for further consideration. The Evaluation Panel(s) will not recommend for further consideration any proposal determined not to meet all of the eligibility and award requirements of this part and the FEDERAL REGISTER notice announcing the availability of funds.

(d) In making final selections, the Selecting Official will select funding recipients based upon the Evaluation Panel's rank order of the proposals and the following selection factors: assuring an appropriate distribution of funds among technologies and their applications, availability of funds, and/or Program priorities. The selection of proposals by the Selecting Official is final.

(e) NIST reserves the right to negotiate the cost and scope of the proposed work with the proposers that have been selected to receive awards. This may include requesting that the proposer

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delete from the scope of work a particular task that is deemed by NIST to be inappropriate for support against the evaluation criteria. NIST also reserves the right to reject a proposal where information is uncovered that raises a reasonable doubt as to the responsibility of the proposer. The final approval of selected proposals and award of assistance will be made by the NIST Grants Officer as described in the FEDERAL REGISTER notice announcing the competition. The award decision of the NIST Grants Officer is final.

§ 296.21 Evaluation criteria.

A proposal must be determined to be competitive against the Evaluation Criteria set forth in this section to receive funding under the Program. Additionally, no proposal will be funded unless the Program determines that it has scientific and technical merit and that the proposed research has strong potential for meeting identified areas of critical national need.

(a)(1) The proposer(s) adequately addresses the scientific and technical merit and how the research may result in intellectual property vesting in a United States entity including evidence that:

- (i) The proposed research is novel;
- (ii) The proposed research is high-risk, high-reward;
- (iii) The proposer(s) demonstrates a high level of relevant scientific/technical expertise for key personnel, including contractors and/or informal collaborators, and have access to the necessary resources, for example research facilities, equipment, materials, and data, to conduct the research as proposed;
- (iv) The research result(s) has the potential to address the technical needs associated with a major societal challenge not currently being addressed; and
- (v) The proposed research plan is scientifically sound with tasks, milestones, timeline, decision points and alternate strategies.

(2) Total weight of (a)(1)(i) through (v) is 50%.

(b)(1) The proposer(s) adequately establishes that the proposed research has strong potential for advancing the state-of-the-art and contributing sig-

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nificantly to the United States science and technology knowledge base and to address areas of critical national need through transforming the Nation's capacity to deal with a major societal challenge(s) that is not currently being addressed, and generate substantial benefits to the Nation that extend significantly beyond the direct return to the proposer including an explanation in the proposal:

- (i) Of the potential magnitude of transformational results upon the Nation's capabilities in an area;
 - (ii) Of how and when the ensuing transformational results will be useful to the Nation; and
 - (iii) Of the capacity and commitment of each award participant to enable or advance the transformation to the proposed research results (technology).
- (2) Total weight of (b)(1)(i) through (iii) is 50%.

§ 296.22 Award criteria.

NIST must determine that a proposal successfully meets all of the Award Criteria set forth in this section for the proposal to receive funding under the Program. The Award Criteria are:

(a) The proposal explains why TIP support is necessary, including evidence that the research will not be conducted within a reasonable time period in the absence of financial assistance from TIP;

(b) The proposal demonstrates that reasonable and thorough efforts have been made to secure funding from alternative funding sources and no other alternative funding sources are reasonably available to support the proposal;

(c) The proposal explains the novelty of the research (technology) and demonstrates that other entities have not already developed, commercialized, marketed, distributed, or sold similar research results (technologies);

(d) The proposal has scientific and technical merit and may result in intellectual property vesting in a United States entity that can commercialize the technology in a timely manner;

(e) The proposal establishes that the research has strong potential for advancing the state-of-the-art and contributing significantly to the United States science and technology knowledge base; and

(f) The proposal establishes that the proposed transformational research (technology) has strong potential to address areas of critical national need through transforming the Nation's capacity to deal with major societal challenges that are not currently being addressed, and generate substantial benefits to the Nation that extend significantly beyond the direct return to the proposer.

Subpart C—Dissemination of Program Results

§ 296.30 Monitoring and evaluation.

The Program will provide monitoring and evaluation of areas of critical national need and its investments through periodic analyses. It will develop methods and metrics for assessing impact at all stages. These analyses will contribute to the establishment and adoption of best practices.

§ 296.31 Dissemination of results.

Results stemming from the analyses required by § 296.30 will be disseminated in periodic working papers, fact sheets, and meetings, which will address the progress that the Program has made from both a project and a portfolio perspective. Such disseminated results will serve to educate both external constituencies as well as internal audiences on research results, best practices, and recommended changes to existing operations based on solid analysis.

§ 296.32 Technical and educational services.

(a) Under the Federal Technology Transfer Act of 1986, NIST has the authority to enter into cooperative research and development agreements with non-Federal parties to provide personnel, services, facilities, equipment, or other resources except funds toward the conduct of specified research or development efforts which

are consistent with the missions of the laboratory. In turn, NIST has the authority to accept funds, personnel, services, facilities, equipment and other resources from the non-Federal party or parties for the joint research effort. Cooperative research and development agreements do not include procurement contracts or cooperative agreements as those terms are used in sections 6303, 6304, and 6305 of title 31, United States Code.

(b) In no event will NIST enter into a cooperative research and development agreement with a recipient of an award under the Program which provides for the payment of Program funds from the award recipient to NIST.

(c) From time to time, TIP may conduct public workshops and undertake other educational activities to foster the collaboration of funding Recipients with other funding resources for purposes of further development and diffusion of TIP-related technologies. In no event will TIP provide recommendations, endorsements, or approvals of any TIP funding Recipients to any outside party.

§ 296.33 Annual report.

The Director shall submit annually to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science and Technology of the House of Representatives a report describing the Technology Innovation Program's activities, including a description of the metrics upon which award funding decisions were made in the previous fiscal year, any proposed changes to those metrics, metrics for evaluating the success of ongoing and completed awards, and an evaluation of ongoing and completed awards. The first annual report shall include best practices for management of programs to stimulate high-risk, high-reward research.

PARTS 297–299 [RESERVED]